

# Appendix F – Airport Project Recommendations and Cost Estimates

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## F.1. Introduction

This appendix includes an individual table for each system airport that presents short-, mid-, and long-term projects (and their cost) planned for on airports' existing capital improvement plans (CIPs) as well as the estimated costs of additional projects being recommended in the 2020 SDSASP.

The SDSASP recommended projects include those identified to improve system performance and meet the future performance targets set in **Chapter 6. System Recommendations**. In addition, recommendations are made for airports that are not meeting all of their individual Facility and Service Targets (FSTs) as reflected in **Appendix D – Airport Report Cards**. In some instances, projects recommended to improve system performance in the 2020 SDSASP were already being planned for and appeared on airport CIPs. When this was the case, the project costs from the CIPs were used and they were not duplicated. It is important to note that the cost estimates developed for the SDSASP-recommended projects are planning-level cost estimates only and should not be used for project programming or grant applications.

Footnotes are provided at the bottom of each table to indicate important details about certain recommendations and cost estimates. All dollar amounts shown this appendix have been rounded to the nearest thousand.

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport		Aberdeen Regional					Funding Levels		
Airport ID		ABR					90.0%	3.5%	6.5%
Airport Role		Commercial Service							
City		Aberdeen							
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2023	GA apron	Design & construct phase 1			\$ 3,600,000	\$ 3,240,000	\$ 126,000	\$ 234,000	
2024	GA apron	Design & construct phase 2			\$ 3,610,000	\$ 3,249,000	\$ 126,350	\$ 234,650	
2025	Access Road/Parking	Design & construct parking lot/ Access Road Rehab			\$ 4,000,000	\$ 3,600,000	\$ 140,000	\$ 260,000	
2026	Deice Truck	Acquire deice truck			\$ 700,000	\$ 630,000	\$ 24,500	\$ 45,500	
2027	SRE Loader	SRE loader with attachments			\$ 400,000	\$ 360,000	\$ 14,000	\$ 26,000	
2030	Runway Shift	Design & construct Runway 13-31 shift			\$ 8,500,000	\$ 7,650,000	\$ 297,500	\$ 552,500	
		Sub-Total	\$ -	\$ -	\$ 20,810,000	\$ 18,729,000	\$ 728,350	\$ 1,352,650	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		Sub-Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Control RPZ (Primary Rwy) <sup>1</sup>	Rwy 13 RPZ	Acquire 39.5 acres as easement for RPZ protection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Sub-Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Hangars - Based	Hangar Storage*	Construct 10 covered storage units	\$ 1,088,000	\$ 200,000	\$ 1,288,000	\$ 1,159,000	\$ -	\$ 129,000	
		Sub-Total	\$ 1,088,000	\$ 200,000	\$ 1,288,000	\$ 1,159,000	\$ -	\$ 129,000	
		Total	\$ 1,088,000	\$ 200,000	\$ 22,098,000	\$ 19,888,000	\$ 728,000	\$ 1,481,000	

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> ALP identifies mitigation as relocating the threshold of Rwy 13 to bring RPZ onto existing airport property. CIP 2030

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport		Belle Fourche Municipal						
Airport ID		EFC						
Airport Role		Medium GA						
City		Belle Fourche	Funding Levels					
						90.0%	3.5%	6.5%
Short to Mid Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
2020	AMP/ALP	Master plan & ALP update	\$ -	\$ 88,000	\$ 88,000	\$ 79,000	\$ 3,000	\$ 6,000
2021	Hangar Taxiway	Design/reconstruct hangar taxiway	\$ 350,000	\$ 70,000	\$ 420,000	\$ 378,000	\$ 15,000	\$ 27,000
2022	EA/Design T-Hangar*	EA and Design for T-Hangar	\$ -	\$ 125,000	\$ 125,000	\$ 113,000	\$ -	\$ 13,000
2023	T-Hangar*	Construct	\$ 850,000	\$ 75,000	\$ 925,000	\$ 833,000	\$ -	\$ 93,000
2025	EA/Design Taxiway	Parallel taxiway	\$ -	\$ 90,000	\$ 90,000	\$ 81,000	\$ 3,000	\$ 6,000
2026	Partial Parallel Twy	Construct partial parallel twy phase I (connector to southeast end of Rwy)	\$ -	\$ -	\$ 500,000	\$ 450,000	\$ 18,000	\$ 33,000
<b>Sub-Total</b>			<b>\$1,200,000</b>	<b>\$ 448,000</b>	<b>\$2,148,000</b>	<b>\$1,933,000</b>	<b>\$ 38,000</b>	<b>\$ 176,000</b>
Long-Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
None								
<b>Sub-Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
2020 SDSASP Recommendations								
Performance Measure	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Control RPZ (Primary Rwy)	Runway 18 RPZ	Acquire 12.5 acres in fee for RPZ Protection	\$ 50,000	\$ 105,000	\$ 155,000	\$ 140,000	\$ 5,000	\$ 10,000
Control RPZ (Primary Rwy)	Runway 36 RPZ	Acquire 22.1 acres in fee for RPZ Protection	\$ 88,000	\$ 109,000	\$ 197,000	\$ 178,000	\$ 7,000	\$ 13,000
<b>Sub-Total</b>			<b>\$ 138,000</b>	<b>\$ 214,000</b>	<b>\$ 352,000</b>	<b>\$ 317,000</b>	<b>\$ 12,000</b>	<b>\$ 23,000</b>
Facility Service Target	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
ARC Level <sup>1</sup>	Rwy 14-32 RDC Increase	Runway 14-32 Increase RDC from B-I to B-II. Increase Pavement width 15' (+ 7,500 SY) replace MIRL	\$1,074,000	\$ 161,000	\$1,235,000	\$1,112,000	\$ 43,000	\$ 80,000
Primary Rwy Width <sup>2</sup>	Widen Rwy 14-32	Widen Runway from 60' to 75' (+7,500 SY)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Twy Lighting <sup>3</sup>	Twy Lighting	Replace reflectors on taxiway and install MITL	\$ 42,000	\$ 8,000	\$ 50,000	\$ 45,000	\$ 2,000	\$ 3,000
REIL	Both Rwy ends	Install REIL on Runway ends 14-32	\$ 40,000	\$ 6,000	\$ 46,000	\$ 41,000	\$ 2,000	\$ 3,000
Hangar-Business <sup>4</sup>	Hangar Storage*	Construct a storage hangar for a King Air 250	\$ 624,000	\$ 90,000	\$ 714,000	\$ 643,000	\$ -	\$ 71,000
<b>Sub-Total</b>			<b>\$1,780,000</b>	<b>\$ 266,000</b>	<b>\$2,046,000</b>	<b>\$1,841,000</b>	<b>\$ 47,000</b>	<b>\$ 158,000</b>
<b>Total</b>			<b>\$3,118,000</b>	<b>\$ 927,000</b>	<b>\$4,545,000</b>	<b>\$4,091,000</b>	<b>\$ 97,000</b>	<b>\$ 357,000</b>

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> RSA/OFA/RPZ all correct as existing

<sup>2</sup> see ARC

<sup>3</sup> 600 Linear Feet of Twy

<sup>4</sup> 60' x 80' Hangar

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Bison						Funding Levels		
<b>Airport ID</b>	6V5						90.0%	3.5%	6.5%
<b>Airport Role</b>	Small GA								
<b>City</b>	Bison								
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2021	Hangar*	New hangar design			\$ 75,000	\$ 67,500	\$ -	\$ 7,500	
2022	Hangar*	Construct revenue producing hangar			\$ 600,000	\$ 540,000	\$ -	\$ 60,000	
2023	Beacon/Windcone/ Crac	Replace Beacon and Wincone; Crackseal			\$ 120,000	\$ 108,000	\$ 4,000	\$ 8,000	
2024	SRE	Procurement			\$ 200,000	\$ 180,000	\$ 7,000	\$ 13,000	
2025	Pvmt Maintenance	Crack seal			\$ -	\$ -	\$ -	\$ -	
2026	Fence	Replace perimeter fence & design			\$ 75,000	\$ 68,000	\$ 3,000	\$ 5,000	
2027	Fence	Replace perimeter fence & construct			\$ 400,000	\$ 360,000	\$ 14,000	\$ 26,000	
2028	Airside Pavement	Design rehabilitate airside pavements, overlay			\$ 50,000	\$ 45,000	\$ 2,000	\$ 3,000	
2029	Airside Pavement	Construct rehabilitate airside pavements			\$ 2,000,000	\$ 1,800,000	\$ 70,000	\$ 130,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$ 3,520,000	\$ 3,168,000	\$ 100,000	\$ 252,000	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Control RPZ (Primary Rwy) <sup>1</sup>	Rwy 11 RPZ	Acquire 3.3 acres by easement for RPZ protection	\$ 14,000	\$ 101,000	\$ 115,000	\$ 103,000	\$ 4,000	\$ 7,000	
		<b>Sub-Total</b>	\$ 14,000	\$ 101,000	\$ 115,000	\$ 103,000	\$ 4,000	\$ 7,000	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Terminal Building	Terminal Building	Construct 450 SF (public waiting and pilot area)	\$ 84,000	\$ 14,000	\$ 98,000	\$ 88,000	\$ 3,000	\$ 6,000	
Restroom <sup>2</sup>	Construct Restroom	Add 70 SF for restroom	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Pilot Area <sup>3</sup>	Construct Pilot Area	Add 150 SF for pilot briefing/rest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$ 84,000	\$ 14,000	\$ 98,000	\$ 88,000	\$ 3,000	\$ 6,000	
		<b>Total</b>	\$ 98,000	\$ 115,000	\$ 3,733,000	\$ 3,360,000	\$ 107,000	\$ 266,000	

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> Acquire by Easement (also acquire Easement over the Public Road)

<sup>2</sup> Included in Terminal Building

<sup>3</sup> Included in Terminal Building

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport	Britton Municipal					Funding Levels		
Airport ID	BTN					90.0%	3.5%	6.5%
Airport Role	Medium GA							
City	Britton							
Short to Mid Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
2020	AWOS	AWOS III or AV			\$ 340,000	\$ 306,000	\$ 12,000	\$ 22,000
2022	Revenue Hangar*	Design and CATEX for Revenue Hangar			\$ 45,000	\$ 41,000	\$ -	\$ 5,000
2023	Revenue Hangar*	Construct - Hangar 4,800 SF			\$ 450,000	\$ 405,000	\$ -	\$ 45,000
2024	EA	Parallel taxiway			\$ 80,000	\$ 72,000	\$ 3,000	\$ 5,000
2025	Parallel Taxiway	Design & construct (split in 3 phases)			\$ 2,000,000	\$ 1,800,000	\$ 70,000	\$ 130,000
2026	AMP/ALP	Master plan & ALP			\$ 250,000	\$ 225,000	\$ 9,000	\$ 16,000
2027	Runway	Extension			\$ 1,500,000	\$ 1,350,000	\$ 53,000	\$ 98,000
2028	SRE Building	SRE Building			\$ 200,000	\$ 180,000	\$ 7,000	\$ 13,000
2029	SRE	Tractor			\$ 175,000	\$ 158,000	\$ 6,000	\$ 11,000
2030	EA	New crosswind runway & hangar expansion area			\$ 80,000	\$ 72,000	\$ 3,000	\$ 5,000
		<b>Sub-Total</b>	\$ -	\$ -	\$ 5,120,000	\$ 4,608,000	\$ 162,000	\$ 350,000
Long-Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
2031	Crosswind Runway	Design & construct turf crosswind runway			\$ 600,000	\$ 540,000	\$ 21,000	\$ 39,000
2032	Hangar Area	Design & construct hangar area expansion			\$ 550,000	\$ 495,000	\$ 19,000	\$ 36,000
2033	Fence	Design & construct wildlife fence			\$ 450,000	\$ 405,000	\$ 16,000	\$ 29,000
2034	Pavement	Maintenance			\$ 50,000	\$ 45,000	\$ 2,000	\$ 3,000
		<b>Sub-Total</b>	\$ -	\$ -	\$ 1,650,000	\$ 1,485,000	\$ 58,000	\$ 107,000
2020 SDSASP Recommendations								
Performance Measure	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Control RPZ (Non-Primary Rwy)	Runway 19 RPZ	Acquire 6.8 acres as easement for RPZ Protection	\$ 27,000	\$ 103,000	\$ 130,000	\$ 117,000	\$ 5,000	\$ 8,000
Critical Aircraft <sup>1</sup>	Update Critical Aircraft	Replace current critical design aircraft of B-II (S) to B-II using most demanding aircraft of an Air Tractor 602 & 802 (2,900 SY, 350' MIRL, 5.6 acres)	\$ 461,000	\$ 169,000	\$ 630,000	\$ 567,000	\$ 22,000	\$ 41,000
		<b>Sub-Total</b>	\$ 488,000	\$ 272,000	\$ 760,000	\$ 684,000	\$ 27,000	\$ 49,000
Facility Service Target	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
ARC Level <sup>2</sup>	Rwy 13-31 RDC Increase	Runway 13-31 Increase RDC from B-II (S) to B-II	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Twy Lighting <sup>3</sup>	Twy Lighting	Replace LITL/reflectors on taxiway and install MITL	\$ 72,000	\$ 14,000	\$ 86,000	\$ 78,000	\$ 3,000	\$ 6,000
Hangar-Business <sup>4</sup>	Hangar Storage*	Construct a storage hangar for a King Air 250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Paved Entry	Pave Entry Road	Construct 750 LF of 2 lane road	\$ 98,000	\$ 12,000	\$ 109,000	\$ 98,000	\$ 4,000	\$ 7,000
		<b>Sub-Total</b>	\$ 170,000	\$ 26,000	\$ 196,000	\$ 176,000	\$ 7,000	\$ 13,000
		<b>Total</b>	\$ 658,000	\$ 298,000	\$ 7,725,000	\$ 6,953,000	\$ 253,000	\$ 519,000

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup>Runway width is correct. Increase RPZs for 13-31 (extend 31 by 350' to shift 13 RPZ from Residence, acquire 5.6 acres)

<sup>2</sup>See Critical Aircraft Above, <sup>3</sup>1000 LF of Twy/Txln, <sup>4</sup>CIP 2024 60' x 80' Hangar

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport Name		Brookings Regional						Funding Levels		
Airport ID		BKX						90.0%	3.5%	6.5%
Airport Role		Large GA								
City		Brookings								
Short to Mid Term CIP			Costs			Funding				
Year	Project	Description/Scope	Costs	Eng/Admin	Total	Funding	State	Local		
2020	Hangar taxilane	Design/construct hangar taxilane reconstruction			\$ 350,000	\$ 315,000	\$ 12,300	\$ 22,800		
2020	Access road	Reimburse access road reconstruction			\$ 500,000	\$ 45,000	\$ 1,800	\$ 3,300		
2021	Pvmt maintenance	Seal coat & markings runway 12-30, north end 17-35			\$ 387,000	\$ 348,300	\$ 13,500	\$ 25,200		
2023	Pvmt maintenance	Seal coat & markings south 17-35, 35 turnaround, taxiways A to A4 & B to B2, C & C1			\$ 290,000	\$ 261,000	\$ 10,200	\$ 18,900		
2023	Parallel taxiway	Design parallel taxiway			\$ 70,000	\$ 63,000	\$ 2,500	\$ 4,600		
2024	Parallel taxiway	Construct parallel taxiway 1700x35'			\$ 770,000	\$ 693,000	\$ 27,000	\$ 50,100		
2026	Hangar Taxiway	Design & reconstruct hangar taxiways			\$ 1,000,000	\$ 900,000	\$ 35,000	\$ 65,000		
2027	ARFF Truck	ARFF Truck			\$ 850,000	\$ 765,000	\$ 29,800	\$ 55,300		
2028	Spray Area	Ag spray area			\$ 550,000	\$ 495,000	\$ 19,300	\$ 35,800		
2029	SRE	SRE equipment			\$ 500,000	\$ 450,000	\$ 17,500	\$ 32,500		
2030	Terminal Ramp	Reconstruction			\$ 2,000,000	\$ 1,800,000	\$ 70,000	\$ 130,000		
2030	Hangar Area*	design and construct hangar expansion area			\$ 500,000	\$ 450,000	\$ -	\$ 50,000		
<b>Sub-Total</b>			\$ -	\$ -	\$ 7,767,000	\$ 6,585,300	\$ 238,900	\$ 493,500		
Long-Term CIP			Costs			Funding				
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local		
2032	Terminal	New terminal			\$ 1,250,000	\$ 1,125,000	\$ 44,000	\$ 81,000		
<b>Sub-Total</b>			\$ -	\$ -	\$ 1,250,000	\$ 1,125,000	\$ 44,000	\$ 81,000		
2020 SDSASP Recommendations										
Performance Measure	Project	Description/Scope	Costs			Funding				
			Const/Acq	Eng/Admin	Total	Fed	State	Local		
Control RPZ (Primary Rwy) <sup>1</sup>	Rwy 30 RPZ	Acquire 17.2 acres in Fee for RPZ Protection (including National Guard; 10 businesses and 12 single family residences)	\$ 5,003,000	\$ 600,000	\$ 5,604,000	\$ 5,043,000	\$ 196,000	\$ 364,000		
Control RPZ (Non-Primary Rwy) <sup>2</sup>	Rwy 35 RPZ	Acquire 11.3 acres and 2 residences	\$ 1,068,000	\$ 207,000	\$ 1,275,000	\$ 1,147,000	\$ 45,000	\$ 83,000		
<b>Sub-Total</b>			\$ 6,071,000	\$ 807,000	\$ 6,879,000	\$ 6,190,000	\$ 241,000	\$ 447,000		
Facility Service Target	Project	Description/Scope	Costs			Funding				
			Const/Acq	Eng/Admin	Total	Fed	State	Local		
Apron Space	Apron Expansion	Expand apron (1,600 SY)	\$ 184,000	\$ 22,000	\$ 206,000	\$ 185,000	\$ 7,000	\$ 13,000		
<b>Sub-Total</b>			\$ 184,000	\$ 22,000	\$ 206,000	\$ 185,000	\$ 7,000	\$ 13,000		
<b>Total</b>			\$ 6,255,000	\$ 829,000	\$ 16,101,000	\$ 14,086,000	\$ 530,000	\$ 1,035,000		

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

Dollar amounts have been rounded to the nearest thousand

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> Businesses at \$250k each, Residences at \$200k each (2011 ALP shows realignment to 11-29 which removed businesses and residences from new RPZ)

in easement area (Residences at \$500k each)

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Harding County									
<b>Airport ID</b>	9D2									
<b>Airport Role</b>	Small GA							Funding Levels		
<b>City</b>	Buffalo							90.0%	3.5%	6.5%
Short to Mid Term CIP			Costs			Funding				
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local		
2021	MIRL & PAPI	Install new MIRL system w/ PAPI			\$ 438,000	\$ 394,000	\$ 15,000	\$ 28,000		
2022	Fuel System	Acquire credit card fuel system			\$ 260,000	\$ 234,000	\$ 9,000	\$ 17,000		
2023	Land Acquisition	Acquire land for future wildlife fence			\$ 563,000	\$ 506,000	\$ 20,000	\$ 37,000		
2024	Fence	Construct 10' wildlife fences, need hazard assessment?			\$ 500,000	\$ 450,000	\$ 18,000	\$ 33,000		
		<b>Sub-Total</b>	\$ -	\$ -	\$ 1,760,000	\$ 1,584,000	\$ 62,000	\$ 114,000		
Long-Term CIP			Costs			Funding				
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local		
None										
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
2020 SDSASP Recommendations										
Performance Measure	Project	Description/Scope	Costs			Funding				
			Const/Acq	Eng/Admin	Total	Fed	State	Local		
Control RPZ (Non-Primary Rwy) <sup>1</sup>	Rwy 8 RPZ	Acquire 6.3 acres in fee for RPZ protection	\$ 175,000	\$ 118,000	\$ 293,000	\$ 263,000	\$ 10,000	\$ 19,000		
Control RPZ (Non-Primary Rwy)	Rwy 26 RPZ	Acquire 8.1 acres in fee for RPZ protection	\$ 32,000	\$ 103,000	\$ 136,000	\$ 122,000	\$ 5,000	\$ 9,000		
		<b>Sub-Total</b>	\$ 208,000	\$ 221,000	\$ 428,000	\$ 386,000	\$ 15,000	\$ 28,000		
Facility Service Target	Project	Description/Scope	Costs			Funding				
			Const/Acq	Eng/Admin	Total	Fed	State	Local		
Terminal Building	Terminal Building	Construct 520 SF (public waiting, pilot area, and restroom)	\$ 98,000	\$ 16,000	\$ 114,000	\$ 103,000	\$ 4,000	\$ 7,000		
Pilot Area <sup>2</sup>	Construct Pilot Area	Add 150 SF for pilot briefing/rest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
		<b>Sub-Total</b>	\$ 98,000	\$ 16,000	\$ 114,000	\$ 103,000	\$ 4,000	\$ 7,000		
		<b>Total</b>	\$ 306,000	\$ 237,000	\$ 2,302,000	\$ 2,072,000	\$ 81,000	\$ 150,000		

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup>Includes residence and farm

<sup>2</sup>Included in Terminal Building

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Canton Municipal						Funding Levels		
<b>Airport ID</b>	7G9						90.0%	3.5%	6.5%
<b>Airport Role</b>	Small GA								
<b>City</b>	Canton								
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2020	Hangar Taxilane	Construct extension			\$ 287,000	\$ 258,000	\$ 10,000	\$ 19,000	
2021	Pvmt Maintenance	Crack sealing and marking			\$ 10,000	\$ 9,000	\$ -	\$ 1,000	
2022	T hangar*	Design & Environmental - 4-unit T hangar and aprons			\$ 90,000	\$ 81,000	\$ -	\$ 9,000	
2023	T hangar*	Construct new 4-unit T hangar & aprons			\$ 650,000	\$ 585,000	\$ -	\$ 65,000	
2024	Pvmt Maintenance	State pavement maintenance project			\$ 10,000	\$ 9,000	\$ -	\$ 1,000	
2025	ALP	ALP, narrative, AGIS, exhibit A, land use plan			\$ 350,000	\$ 315,000	\$ 12,000	\$ 23,000	
2026	Pvmt Maintenance	State pavement maintenance project			\$ 800,000	\$ 720,000	\$ 28,000	\$ 52,000	
2027	T hangar*	Design 6-unit T hangar, taxilanes & apron			\$ 910,000	\$ 819,000	\$ -	\$ 91,000	
2028	T hangar*	Construct 6-unit T hangar			\$ 800,000	\$ 720,000	\$ -	\$ 80,000	
2029	Hangar Taxilane/Apron	Construct hangar taxilane & apron			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000	
2030	Pvmt Maintenance	State pavement maintenance project			\$ 10,000	\$ 9,000	\$ -	\$ 1,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$ 4,217,000	\$ 3,795,000	\$ 62,000	\$ 360,000	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
None					\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Hangars - Based	Hangar Storage*	Construct 4 covered storage units	\$ 544,000	\$ 80,000	\$ 624,000	\$ 562,000	\$ -	\$ 62,000	
Pilot Area <sup>1</sup>	Construct Pilot Area	Add 150 SF for pilot briefing/rest	\$ 30,000	\$ 6,000	\$ 36,000	\$ 32,000	\$ 1,000	\$ 2,000	
		<b>Sub-Total</b>	\$ 574,000	\$ 86,000	\$ 660,000	\$ 594,000	\$ 1,000	\$ 65,000	
		<b>Total</b>	\$ 574,000	\$ 86,000	\$ 4,877,000	\$ 4,389,000	\$ 63,000	\$ 425,000	

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup>10x5 for briefing, 10x10 for pilot rest



**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport		Chamberlain Municipal					Funding Levels				
Airport ID		9V9					90.0%	3.5%	6.5%		
Airport Role		Medium GA									
City		Chamberlain									
Short to Mid Term CIP						Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local			
2020	EA - Rwy Ext	EA for New Runway 15-33 to Replace 13-31			\$ 150,000	\$ 135,000	\$ 5,000	\$ 10,000			
2020	Aerial Survey	GIS Aerial Survey			\$ 80,000	\$ 72,000	\$ 3,000	\$ 5,000			
2021	GA Terminal	GA terminal building			\$ 175,000	\$ 158,000	\$ 6,000	\$ 11,000			
2022	Land Acquisition	New Runway 15-33			\$ 150,000	\$ 135,000	\$ 5,000	\$ 10,000			
2023	Runway 15-33	Design New Rwy to replace 13-31			\$ 450,000	\$ 405,000	\$ 16,000	\$ 29,000			
2024	Wetlands	Wetland Mitigation			\$ 500,000	\$ 450,000	\$ 18,000	\$ 33,000			
2024	Runway 15-33	Construct New Rwy to replace 13-31 Ph I			\$ 7,000,000	\$6,300,000	\$ 245,000	\$ 455,000			
2025	Runway 15-33	Construct New Rwy to replace 13-31 Ph II			\$ 350,000	\$ 315,000	\$ 12,000	\$ 23,000			
2026	Apron	Apron reconstruction			\$ 600,000	\$ 540,000	\$ 21,000	\$ 39,000			
		<b>Sub-Total</b>	\$ -	\$ -	\$ 9,455,000	\$8,510,000	\$ 331,000	\$ 615,000			
Long-Term CIP						Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local			
None											
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
2020 SDSASP Recommendations											
Performance Measure	Project	Description/Scope	Costs			Funding					
			Const/Acq	Eng/Admin	Total	Fed	State	Local			
Clear Part 77 (Primary Rwy) <sup>1</sup>	Rwy 13 Tree	5010: 64 ft. tree, 1539 ft. from runway, 415 ft. left of centerline	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
Control RPZ (Non-Primary Rwy) <sup>2</sup>	Rwy 18 RPZ	Acquire 3.2 acres as easement for RPZ protection	\$ 13,000	\$ 101,000	\$ 114,000	\$ 103,000	\$ 4,000	\$ 7,000			
PCI 70+ (Primary Rwy) <sup>3</sup>	Rwy 13-31 Rehab	Runway 13-31 rehab. (35,800 SY)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
		<b>Sub-Total</b>	\$ 13,000	\$ 101,000	\$ 114,000	\$ 103,000	\$ 4,000	\$ 7,000			
Facility Service Target	Project	Description/Scope	Costs			Funding					
			Const/Acq	Eng/Admin	Total	Fed	State	Local			
Twy Lighting <sup>4</sup>	Twy Lighting	Install MITL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
REIL <sup>5</sup>	Both Rwy ends	Install REIL on Runway ends 13-31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
Hangar-Business <sup>6</sup>	Hangar Storage*	Construct storage hangar for a King Air 250	\$ 624,000	\$ 90,000	\$ 714,000	\$ 643,000	\$ -	\$ 71,000			
		<b>Sub-Total</b>	\$ 624,000	\$ 90,000	\$ 714,000	\$ 643,000	\$ -	\$ 71,000			
		<b>Total</b>	\$ 637,000	\$ 191,000	\$10,283,000	\$9,255,000	\$ 335,000	\$ 693,000			

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> NPI - 34:1 (est. 3 trees in vicinity) New Rwy 15-33 will mitigate this by 2025, <sup>2</sup> Only Interstate. Recommend acquisition of Easement over Public Road (Interstate)

<sup>3</sup> CIP 2023-25 Replace 13-31 (Increase PCI from 47 to >70), <sup>4</sup> 700 LF of Twy (plan is to convert 13-31 to Parallel Twy in CIP 2023-25)

<sup>5</sup> CIP 2023-25 (should be included), <sup>6</sup> 60' x 80' Hangar

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport	Clark County							
Airport ID	8D7							
Airport Role	Medium GA							
City	Clark							
						Funding Levels		
						90.0%	3.5%	6.5%
Short to Mid Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
2020	Runway 13-31	Rehab Runway and Connector Twy			\$ 2,140,000	\$ 1,926,000	\$ 75,000	\$ 139,000
2022	Crosswind Runway	Design/build crosswind runway rehabilitation			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000
2023	Hangar Taxilane	Design hangar taxilane improvements reconstruction project			\$ 35,000	\$ 32,000	\$ 1,000	\$ 2,000
2024	Hangar Taxilane	Construct hangar taxilane improvements reconstruction			\$ 450,000	\$ 405,000	\$ 16,000	\$ 29,000
2025	Access Road	Access road reconstruction			\$ 250,000	\$ 225,000	\$ 9,000	\$ 16,000
2026	EA	For wildlife fence			\$ 80,000	\$ 72,000	\$ 3,000	\$ 5,000
2027	Wildlife Fence	Design & build wildlife fence			\$ 450,000	\$ 405,000	\$ 16,000	\$ 29,000
2028	Parallel Taxiway	Parallel Taxiway			\$ 2,500,000	\$ 2,250,000	\$ 88,000	\$ 163,000
2029	Taxiway/Apron	Rehabilitation			\$ 500,000	\$ 450,000	\$ 18,000	\$ 33,000
2030	Revenue Hangar*	Revenue producing hangar			\$ 500,000	\$ 450,000	\$ -	\$ 50,000
<b>Sub-Total</b>			\$ -	\$ -	\$ 7,205,000	\$ 6,485,000	\$ 235,000	\$ 486,000
Long-Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
2031	Parking/Access Road	Pave parking area & access road			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000
<b>Sub-Total</b>			\$ -	\$ -	\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000
2020 SDSASP Recommendations								
Performance Measure	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Control RPZ (Non-Primary Rwy)	Runway 21 RPZ	Acquire 10.0 acres as easement on Runway 21 end for RPZ pr	\$ 40,000	\$ 104,000	\$ 144,000	\$ 130,000	\$ 5,000	\$ 9,000
Critical Aircraft <sup>1</sup>	Update Critical Aircraft	Update critical design aircraft from B-I (S)-5000 to B-II-5000 using most demanding aircraft of a Thrush/Air Tractor 550, 502 or 802. Increase runway width 15' (+ 6,200 SY), replace MIRL, remove/replace part of apron (+2,400 SY), RPZ increase with RPZ Analysis for road in 13 End	\$ 1,126,000	\$ 199,000	\$ 1,325,000	\$ 1,193,000	\$ 46,000	\$ 86,000
<b>Sub-Total</b>			\$ 1,166,000	\$ 303,000	\$ 1,469,000	\$ 1,322,000	\$ 51,000	\$ 96,000
Facility Service Target	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
ARC Level <sup>2</sup>	Rwy 13-31 RDC Increase	Runway 13-31 Increase RDC from A/B-I to B-II	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Primary Rwy Length <sup>3</sup>	Lengthen Rwy 13-31	Increase length from 3,697' to 4,200' (+4,200 SY) and 14.3 acres	\$ 599,000	\$ 172,000	\$ 770,000	\$ 693,000	\$ 27,000	\$ 50,000
Primary Rwy Width <sup>4</sup>	Widen Rwy 13-31	Widen current runway from 60' to 75' (+6,200 SY)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Twy Lighting	Twy Lighting	Replace LITL/reflectors on taxiway and install MITL	\$ 72,000	\$ 14,000	\$ 86,000	\$ 78,000	\$ 3,000	\$ 6,000
Hangar-Business <sup>5</sup>	Hangar Storage*	Construct a storage hangar for a King Air 250	\$ 624,000	\$ 90,000	\$ 714,000	\$ 643,000	\$ -	\$ 71,000
Apron Space	Apron Expansion	Expand apron (2,200 SY)	\$ 154,000	\$ 18,000	\$ 172,000	\$ 155,000	\$ 6,000	\$ 11,000
<b>Sub-Total</b>			\$ 1,449,000	\$ 295,000	\$ 1,743,000	\$ 1,569,000	\$ 36,000	\$ 138,000
<b>Total</b>			\$ 2,615,000	\$ 598,000	\$ 10,718,000	\$ 9,646,000	\$ 333,000	\$ 739,000

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> Extension is noted below with Runway Length. RPZ change does not affect 31 end except when extended.

<sup>2</sup> See Critical Aircraft, <sup>3</sup> at 75' wide (add 14.3 acres for RPZ and extension), <sup>4</sup> See Critical Aircraft, <sup>5</sup> 60' x 80' Hangar

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Custer County								
<b>Airport ID</b>	CUT								
<b>Airport Role</b>	Small GA						Funding Levels		
<b>City</b>	Custer						90.0%	3.5%	6.5%
<b>Short to Mid Term CIP</b>			<b>Costs</b>			<b>Funding</b>			
<b>Year</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
2020	Land Acquisition	Acquire runway 26 RPZ & adjacent properties			\$ 156,000	\$ 140,000	\$ 5,000	\$ 10,000	
2021	Runway 8-26	Design - Rwy Widen, Rehab, Electrical			\$ 250,000	\$ 225,000	\$ 9,000	\$ 16,000	
2022	Runway 8-26	Construct - Rwy Widen, Rehab, Electrical			\$ 4,490,000	\$ 4,041,000	\$ 157,000	\$ 292,000	
2023	Land Acquisition	Land Acquisition of USFS Property; EA			\$ 2,222,000	\$ 2,000,000	\$ 78,000	\$ 144,000	
2024	Partial Parallel Twy	Runway 26 end partial parallel; Helipad Apron; Taxilanes			\$ 2,222,000	\$ 2,000,000	\$ 78,000	\$ 144,000	
2025	SRE	SRE			\$ 83,000	\$ 75,000	\$ 3,000	\$ 5,000	
2026	Fuel System*	Design & construction fueling station			\$ 389,000	\$ 350,000	\$ -	\$ 39,000	
2027	Hangar*	Construct revenue producing hangar			\$ 556,000	\$ 500,000	\$ -	\$ 56,000	
2028	Land Acquisition	Fire suppression facility & site development connecting taxiway			\$ 278,000	\$ 250,000	\$ 10,000	\$ 18,000	
2029	Hangar Area	GA hangar area expansion			\$ 556,000	\$ 500,000	\$ 19,000	\$ 36,000	
2030	Land Acquisition	GPS approach clearance			\$ 333,000	\$ 300,000	\$ 12,000	\$ 22,000	
		<b>Sub-Total</b>	\$ -	\$ -	<b>\$11,534,000</b>	<b>\$10,381,000</b>	<b>\$ 371,000</b>	<b>\$ 783,000</b>	
<b>Long-Term CIP</b>			<b>Costs</b>			<b>Funding</b>			
<b>Year</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
2031	Pvmt Maintenance	Rehabilitation			\$ 2,222,000	\$ 2,000,000	\$ 78,000	\$ 144,000	
		<b>Sub-Total</b>	\$ -	\$ -	<b>\$ 2,222,000</b>	<b>\$ 2,000,000</b>	<b>\$ 78,000</b>	<b>\$ 144,000</b>	
<b>2020 SDSASP Recommendations</b>									
<b>Performance Measure</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Costs</b>			<b>Funding</b>			
			<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
Control RPZ (Primary Rwy) <sup>1</sup>	Rwy 8 RPZ	Acquire 3.82 acres in fee for RPZ protection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Facility Service Target</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Costs</b>			<b>Funding</b>			
			<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
Pilot Area <sup>2</sup>	Construct Pilot Area	Add 150 SF for pilot briefing/rest	\$ 30,000	\$ 6,000	\$ 36,000	\$ 32,000	\$ 1,000	\$ 2,000	
		<b>Sub-Total</b>	\$ 30,000	\$ 6,000	\$ 36,000	\$ 32,000	\$ 1,000	\$ 2,000	
		<b>Total</b>	\$ 30,000	\$ 6,000	\$13,792,000	\$12,413,000	\$ 450,000	\$ 930,000	

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup>CIP 2023 with USFS Land

<sup>2</sup>10x5 for briefing, 10x10 for pilot rest

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Wilder Field							
<b>Airport ID</b>	6E5							
<b>Airport Role</b>	Small GA							
<b>City</b>	De Smet							
						Funding Levels		
						90.0%	3.5%	6.5%
Short to Mid Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
2020	Turnarounds	Construct runway turnarounds			\$ 475,000	\$ 428,000	\$ 17,000	\$ 31,000
2020	PM	seal coat & pavement markings			\$ 45,000	\$ 41,000	\$ 2,000	\$ 3,000
2022	AWOS	AWOS AV			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000
2023	Hangar Taxilane	Design hangar taxilane expansion			\$ 50,000	\$ 45,000	\$ 2,000	\$ 3,000
2024	Hangar Taxilane	Construct hangar taxilane expansion			\$ 350,000	\$ 315,000	\$ 12,000	\$ 23,000
2026	Pvmt Maintenance	Runway, taxiway & apron rehab			\$ 1,500,000	\$ 1,350,000	\$ 53,000	\$ 98,000
2029	EA	for crosswind runway			\$ 100,000	\$ 90,000	\$ 4,000	\$ 7,000
2030	T Hangars	Design & construct revenue producing t hangars			\$ 350,000	\$ 315,000	\$ 12,000	\$ 23,000
<b>Sub-Total</b>			\$ -	\$ -	\$ 3,170,000	\$ 2,853,000	\$ 111,000	\$ 206,000
Long-Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
None								
<b>Sub-Total</b>			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020 SDSASP Recommendations								
Performance Measure	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
None					\$ -	\$ -	\$ -	\$ -
<b>Sub-Total</b>			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facility Service Target	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
None			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Sub-Total</b>			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>			\$ -	\$ -	\$ 3,170,000	\$ 2,853,000	\$ 111,000	\$ 206,000

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Cheyenne Eagle Butte							
<b>Airport ID</b>	84D							
<b>Airport Role</b>	Small GA							
<b>City</b>	Eagle Butte							
						Funding Levels		
						90.0%	3.5%	6.5%
Short to Mid Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
2021	Runway 13-31	Design Rwy Reconstruct & MIRL			\$ 222,000	\$ 200,000	\$ 8,000	\$ 14,000
2022	Runway 13-31	Construct Rwy Reconstruct & MIRL			\$ 4,611,000	\$ 4,150,000	\$ 161,000	\$ 300,000
2023	SRE	Acquire SRE tractor & attachments			\$ 278,000	\$ 250,000	\$ 10,000	\$ 18,000
2024	GA Terminal/SRE	GA Terminal with SRE Storage			\$ 333,000	\$ 300,000	\$ 12,000	\$ 22,000
2025	AWOS	AWOS-III			\$ 333,000	\$ 300,000	\$ 12,000	\$ 22,000
2026	GA Apron	Design & construct GA apron expansion			\$ 833,000	\$ 750,000	\$ 29,000	\$ 54,000
2027	GA Hangar*	Design & construct			\$ 833,000	\$ 750,000	\$ -	\$ 83,000
2028	Fuel System*	Design & construct fueling facilities			\$ 333,000	\$ 300,000	\$ -	\$ 33,000
2029	Pvmt Maintenance	Design & construct airfield pavement rehabilitation			\$ 1,111,000	\$ 1,000,000	\$ 39,000	\$ 72,000
2030	EA Runway Extension	EA for Runway 13-31 extension to include Land Acquisition			\$ 167,000	\$ 150,000	\$ 6,000	\$ 11,000
2030	Land Acquisition	For runway 13-31 extension			\$ 556,000	\$ 500,000	\$ 19,000	\$ 36,000
<b>Sub-Total</b>			\$ -	\$ -	\$ 9,611,000	\$ 8,650,000	\$ 296,000	\$ 666,000
Long-Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
None								
<b>Sub-Total</b>			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020 SDSASP Recommendations								
Performance Measure	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Fuel Availability <sup>1</sup>	Jet A Fuel System*	Construct Jet A fuel system	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Certified WX <sup>2</sup>	Install AWOS	AWOS III	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Sub-Total</b>			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facility Service Target	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Hangars - Based <sup>3</sup>	Hangar Storage*	Construct 1 covered storage unit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Restroom	Construct Restroom	Add 70 SF for restroom	\$ 14,000	\$ 2,000	\$ 16,000	\$ 14,000	\$ 1,000	\$ 1,000
Pilot Area <sup>4</sup>	Construct Pilot Area	Add 150 SF for pilot briefing/rest	\$ 30,000	\$ 6,000	\$ 36,000	\$ 32,000	\$ 1,000	\$ 2,000
<b>Sub-Total</b>			\$ 44,000	\$ 8,000	\$ 52,000	\$ 47,000	\$ 2,000	\$ 3,000
<b>Total</b>			\$ 44,000	\$ 8,000	\$ 9,663,000	\$ 8,697,000	\$ 297,000	\$ 669,000

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> CIP 2028

<sup>2</sup> CIP 2025

<sup>3</sup> CIP 2027

<sup>4</sup> 10x5 for briefing, 10x10 for pilot rest

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Edgemont Municipal						Funding Levels		
<b>Airport ID</b>	6V0						90.0%	3.5%	6.5%
<b>Airport Role</b>	Small GA								
<b>City</b>	Edgemont								
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2021	Pvmt Maintenance	statewide pavement maintenance			\$ 150,000	\$ 135,000	\$ 5,000	\$ 10,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$ 150,000	\$ 135,000	\$ 5,000	\$ 10,000	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Control RPZ (Non-Primary Rwy) <sup>1</sup>	Rwy 16 RPZ	Acquire 4.0 acres in easement for RPZ protection	\$ 16,000	\$ -	\$ 16,000	\$ 14,000	\$ 1,000	\$ 1,000	
Control RPZ (Non-Primary Rwy)	Rwy 34 RPZ	Acquire 14.9 acres in easement for RPZ protection	\$ 60,000	\$ 108,000	\$ 167,000	\$ 150,000	\$ 6,000	\$ 11,000	
		<b>Sub-Total</b>	\$ 76,000	\$ 108,000	\$ 183,000	\$ 165,000	\$ 6,000	\$ 12,000	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Hangars - Based	Hangar Storage*	Construct 1 covered storage unit	\$ 136,000	\$ 20,000	\$ 156,000	\$ 140,000	\$ -	\$ 16,000	
Terminal Building	Terminal Building	Construct 520 SF (public waiting, pilot area, and restroom)	\$ 98,000	\$ 16,000	\$ 114,000	\$ 103,000	\$ 4,000	\$ 7,000	
	Restroom <sup>2</sup>	Construct Restroom	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Pilot Area <sup>3</sup>	Construct Pilot Area	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$ 234,000	\$ 36,000	\$ 270,000	\$ 243,000	\$ 4,000	\$ 23,000	
		<b>Total</b>	\$ 310,000	\$ 144,000	\$ 603,000	\$ 543,000	\$ 16,000	\$ 45,000	

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> Acquire in Easement (also acquire Easement over the Public Road)

<sup>2</sup> Included with Terminal Building

<sup>3</sup> Included with Terminal Building

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Eureka Municipal						Funding Levels		
<b>Airport ID</b>	3W8						90.0%	3.5%	6.5%
<b>Airport Role</b>	Small GA								
<b>City</b>	Eureka								
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2022	Pvmt Maintenance	Surfacing runway, taxiway, taxilane & apron			\$ 245,000	\$ 221,000	\$ 9,000	\$ 16,000	
2023	Fuel System*	Revenue producing fuel system and fueling apron (100LL)			\$ 632,000	\$ 568,000	\$ -	\$ 63,000	
2024	Fence	Design & construct wildlife fence			\$ 305,000	\$ 275,000	\$ 11,000	\$ 20,000	
2025	Hangar*	Revenue producing hangar			\$ 800,000	\$ 720,000	\$ -	\$ 80,000	
2026	Relocate Hangars	Relocate existing hangars to midfield apron			\$ 150,000	\$ 135,000	\$ 5,000	\$ 10,000	
2027	Terminal Building	Construct Terminal Building and Apron			\$ 500,000	\$ 450,000	\$ 18,000	\$ 33,000	
2028	EA	Justification for runway extension			\$ 80,000	\$ 72,000	\$ 3,000	\$ 5,000	
2029	Land Acquisition	for runway extension			\$ 250,000	\$ 225,000	\$ 9,000	\$ 16,000	
2030	Runway 12-30	Construct extension to 95%			\$ 1,500,000	\$ 1,350,000	\$ 53,000	\$ 98,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$ 4,462,000	\$ 4,015,000	\$ 106,000	\$ 340,000	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Control RPZ (Non-Primary Rwy)	Rwy 7 RPZ	Acquire 6.7 acres of easement for RPZ protection	\$ 27,000	\$ -	\$ 27,000	\$ 24,000	\$ 1,000	\$ 2,000	
Control RPZ (Non-Primary Rwy) <sup>1</sup>	Rwy 25 RPZ	Acquire 7.1 acres of easement for RPZ protection	\$ 28,000	\$ 106,000	\$ 134,000	\$ 121,000	\$ 5,000	\$ 9,000	
Fuel Availability <sup>2</sup>	Jet A Fuel System*	Construct Jet A fuel system	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$ 55,000	\$ 106,000	\$ 161,000	\$ 145,000	\$ 6,000	\$ 10,000	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Terminal Building <sup>3</sup>	Terminal Building	Construct 520 SF (public waiting, pilot area, and restroom)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Restroom <sup>4</sup>	Construct Restroom	Add 70 SF for restroom	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Pilot Area <sup>5</sup>	Construct Pilot Area	Add 150 SF for pilot briefing/rest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Total</b>	\$ 55,000	\$ 106,000	\$ 4,622,000	\$ 4,160,000	\$ 112,000	\$ 351,000	

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\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup>Acquire in Easement (also acquire Easement over the Public Road), <sup>2</sup>CIP 2023, <sup>3</sup>CIP 2027, <sup>4</sup>included in Terminal Building, <sup>5</sup>included in Terminal Building

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Faith Municipal						Funding Levels		
<b>Airport ID</b>	D07						90.0%	3.5%	6.5%
<b>Airport Role</b>	Small GA								
<b>City</b>	Faith								
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2020	Partial Parallel Twy	Design partial parallel taxiway B			\$ 80,000	\$ 72,000	\$ 3,000	\$ 5,000	
2021	Partial Parallel Twy	Construct partial parallel taxiway B			\$ 450,000	\$ 405,000	\$ 16,000	\$ 29,000	
2023	Fence Design	Design Fence and CATEX			\$ 200,000	\$ 180,000	\$ 7,000	\$ 13,000	
2024	Fence	Land Acquisition and Construct Fence			\$ 500,000	\$ 450,000	\$ 18,000	\$ 33,000	
2026	Partial Parallel Twy	Design partial parallel twy for Rwy 31 end			\$ 100,000	\$ 90,000	\$ 4,000	\$ 7,000	
2027	Partial Parallel Twy	Construct partial parallel twy for Rwy 31 end			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$ 1,630,000	\$ 1,467,000	\$ 57,000	\$ 106,000	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Control RPZ (Primary Rwy)	Rwy 31 RPZ	Acquire 5.1 acres as easement for RPZ protection	\$ 20,000	\$ 102,000	\$ 122,000	\$ 110,000	\$ 4,000	\$ 8,000	
		<b>Sub-Total</b>	\$ 20,000	\$ 102,000	\$ 122,000	\$ 110,000	\$ 4,000	\$ 8,000	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Hangars - Based	Hangar Storage*	Construct 3 covered storage units	\$ 408,000	\$ 60,000	\$ 468,000	\$ 421,000	\$ -	\$ 47,000	
Pilot Area <sup>2</sup>	Construct Pilot Area	Add 150 SF for pilot briefing/rest	\$ 30,000	\$ 6,000	\$ 36,000	\$ 32,000	\$ 1,000	\$ 2,000	
		<b>Sub-Total</b>	\$ 438,000	\$ 66,000	\$ 504,000	\$ 454,000	\$ 1,000	\$ 49,000	
		<b>Total</b>	\$ 458,000	\$ 168,000	\$ 2,256,000	\$ 2,031,000	\$ 63,000	\$ 163,000	

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\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup>Acquire in Easement (also acquire Easement over the Public Road)

<sup>2</sup>10x5 for briefing, 10x10 for pilot rest



### CIP and SDSASP Project Recommendations and Cost Estimates

Airport	Faulkton Municipal							
Airport ID	3FU							
Airport Role	Small GA							
City	Faulkton							
						Funding Levels		
						90.0%	3.5%	6.5%
Short to Mid Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
2021	Land Acquisition	Land acquisition			\$ 400,000	\$ 360,000	\$ 14,000	\$ 26,000
2021	Runway 13-31	Design - Runway Reconstruction			\$ 165,000	\$ 149,000	\$ 6,000	\$ 11,000
2021	Approach Survey	Approach survey			\$ 120,000	\$ 108,000	\$ 4,000	\$ 8,000
2022	Runway 13-31	Construct - Runway Recon, extension & turnaround			\$ 3,800,000	\$ 3,420,000	\$ 133,000	\$ 247,000
2024	Taxilane Rehab	Design & construct taxilane rehab			\$ 350,000	\$ 315,000	\$ 12,000	\$ 23,000
2026	SRE	SRE			\$ 200,000	\$ 180,000	\$ 7,000	\$ 13,000
2027	T Hangars*	Revenue producing t hangars			\$ 300,000	\$ 270,000	\$ -	\$ 30,000
2027	AWOS	AWOS III			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000
2028	Parallel Taxiway	Parallel taxiway			\$ 2,000,000	\$ 1,800,000	\$ 70,000	\$ 130,000
<b>Sub-Total</b>			\$ -	\$ -	<b>\$ 7,635,000</b>	<b>\$ 6,872,000</b>	<b>\$ 257,000</b>	<b>\$ 507,000</b>
Long-Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
None					\$ -	\$ -	\$ -	\$ -
<b>Sub-Total</b>			\$ -	\$ -	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
2020 SDSASP Recommendations								
Performance Measure	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
None					\$ -	\$ -	\$ -	\$ -
<b>Sub-Total</b>			\$ -	\$ -	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Facility Service Target	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Pilot Area <sup>1</sup>	Construct Pilot Area	Add 150 SF for pilot briefing/rest	\$ 30,000	\$ 6,000	\$ 36,000	\$ 32,000	\$ 1,000	\$ 2,000
<b>Sub-Total</b>			<b>\$ 30,000</b>	<b>\$ 6,000</b>	<b>\$ 36,000</b>	<b>\$ 32,000</b>	<b>\$ 1,000</b>	<b>\$ 2,000</b>
<b>Total</b>			<b>\$ 30,000</b>	<b>\$ 6,000</b>	<b>\$ 7,671,000</b>	<b>\$ 6,904,000</b>	<b>\$ 258,000</b>	<b>\$ 509,000</b>

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\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup>10x5 for briefing, 10x10 for pilot rest

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport		Flandreau Municipal					Funding Levels		
Airport ID		4P3					90.0%	3.5%	6.5%
Airport Role		Small GA							
City		Flandreau							
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2020	Pvmt Maintenance	All surfaces			\$ 75,000	\$ 68,000	\$ 3,000	\$ 5,000	
2020	Planning Study	Miscellaneous			\$ 40,000	\$ 36,000	\$ 1,000	\$ 3,000	
2021	Land Acquisition	Land acquisition			\$ 500,000	\$ 450,000	\$ 18,000	\$ 33,000	
2021	Runway 10-28	Design Rwy Reconstruct & lighting; Partial Parallel Twy			\$ 150,000	\$ 135,000	\$ 5,000	\$ 10,000	
2022	Runway 10-28	Construct Rwy Reconstruct & lighting; Partial Parallel Twy			\$ 5,560,000	\$ 5,004,000	\$ 195,000	\$ 361,000	
2024	Hangar Taxilane	Design & construct hangar taxilane expansion			\$ 400,000	\$ 360,000	\$ 14,000	\$ 26,000	
2026	Access Road/Parking	Design & construct			\$ 350,000	\$ 315,000	\$ 12,000	\$ 23,000	
2027	Parallel Taxiway	Construction			\$ 2,000,000	\$ 1,800,000	\$ 70,000	\$ 130,000	
2028	Hangar*	Revenue producing hangar			\$ 450,000	\$ 405,000	\$ -	\$ 45,000	
2029	Taxilane Recon	Apron & hangar taxilane reconstruction			\$ 600,000	\$ 540,000	\$ 21,000	\$ 39,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$ 10,125,000	\$ 9,113,000	\$ 339,000	\$ 674,000	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Clear Part 77 (Non-Primary Rwy) <sup>1</sup>	Rwy 36 Trees	Trees 11:1 slope to clear (identified in SASP)	\$ 24,000	\$ 5,000	\$ 29,000	\$ 26,000	\$ 1,000	\$ 2,000	
Control RPZ (Primary Rwy) <sup>2</sup>	Rwy 10 RPZ	Acquire 6.4 acres in fee for RPZ protection	\$ 26,000	\$ -	\$ 26,000	\$ 23,000	\$ 1,000	\$ 2,000	
Control RPZ (Primary Rwy) <sup>3</sup>	Rwy 28 RPZ	Acquire 4.6 acres as easement for RPZ protection	\$ 18,000	\$ 104,000	\$ 123,000	\$ 111,000	\$ 4,000	\$ 8,000	
Control RPZ (Non-Primary Rwy) <sup>4</sup>	Rwy 18 RPZ	Acquire 7 acres as easement for RPZ protection	\$ 28,000	\$ 103,000	\$ 131,000	\$ 118,000	\$ 5,000	\$ 9,000	
Control RPZ (Non-Primary Rwy) <sup>5</sup>	Rwy 36 RPZ	Acquire 7 acres as easement for RPZ protection	\$ 28,000	\$ 103,000	\$ 131,000	\$ 118,000	\$ 5,000	\$ 9,000	
		<b>Sub-Total</b>	\$ 124,000	\$ 315,000	\$ 439,000	\$ 395,000	\$ 15,000	\$ 29,000	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Pilot Area <sup>6</sup>	Construct Pilot Area	Add 150 SF for pilot briefing/rest	\$ 30,000	\$ 6,000	\$ 36,000	\$ 32,000	\$ 1,000	\$ 2,000	
		<b>Sub-Total</b>	\$ 30,000	\$ 6,000	\$ 36,000	\$ 32,000	\$ 1,000	\$ 2,000	
		<b>Total</b>	\$ 154,000	\$ 321,000	\$ 10,600,000	\$ 9,540,000	\$ 355,000	\$ 705,000	

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\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> Vis - 20:1 (no record of 18-36 in 5010; Recommend 7480-1 be filed with FAA to add Runway; (estimate is based on 12 trees), <sup>2</sup> Acquire in Fee (also acquire Easement over the Public Road)

<sup>3</sup> Acquire in Easement (also acquire Easement over the Public Road)

<sup>4</sup> Acquire in Fee (also acquire Easement over the Public Road); Planning underway in 2020 to evaluate a Crosswind Runway alignment to meet FAA Design Standards

<sup>5</sup> Planning underway in 2020 to evaluate a Crosswind Runway alignment to meet FAA Design Standards, <sup>6</sup> 10x5 for briefing, 10x10 for pilot rest

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport	Gettysburg Municipal						Funding Levels		
Airport ID	0D8						90.0%	3.5%	6.5%
Airport Role	Medium GA								
City	Gettysburg								
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2020	AWOS	AWOS-AV			\$ 200,000	\$ 180,000	\$ 7,000	\$ 13,000	
2021	Runway Ext Study	Runway Extension Justification Study			\$ 20,000	\$ 18,000	\$ 1,000	\$ 1,000	
2021	Rwy/Twy Rehab	Design Rwy & Twy Rehab			\$ 100,000	\$ 90,000	\$ 4,000	\$ 7,000	
2022	Rwy/Twy Rehab	Construct Rwy & Twy Rehab			\$1,300,000	\$1,170,000	\$ 46,000	\$ 85,000	
2023	Wetland	Wetland mitigation for runway extension			\$ 100,000	\$ 90,000	\$ 4,000	\$ 7,000	
2024	EA	Runway extension environmental assessment			\$ 200,000	\$ 180,000	\$ 7,000	\$ 13,000	
2025	Land Acquisition	for runway extension			\$ 200,000	\$ 180,000	\$ 7,000	\$ 13,000	
2026	Wetland	Wetland mitigation for runway extension			\$ 400,000	\$ 360,000	\$ 14,000	\$ 26,000	
2028	Runway 13-31	Design for extension			\$ 100,000	\$ 90,000	\$ 4,000	\$ 7,000	
		<b>Sub-Total</b>	\$ -	\$ -	<b>\$2,620,000</b>	<b>\$2,358,000</b>	<b>\$ 92,000</b>	<b>\$ 170,000</b>	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Control RPZ (Primary Rwy) <sup>1</sup>	Rwy 13 RPZ	Acquire 45.2 acres as easement for RPZ protection	\$ 181,000	\$ -	\$ 181,000	\$ 163,000	\$ 6,000	\$ 12,000	
Control RPZ (Non-Primary Rwy) <sup>2</sup>	Rwy 4 RPZ	Acquire 16.0 acres as easement for RPZ protection	\$ 64,000	\$ -	\$ 64,000	\$ 58,000	\$ 2,000	\$ 4,000	
Control RPZ (Non-Primary Rwy)	Rwy 22 RPZ	Acquire 13.8 acres in fee for RPZ protection	\$ 55,000	\$ 106,000	\$ 161,000	\$ 145,000	\$ 6,000	\$ 10,000	
Certified WX <sup>4</sup>	Install AWOS	AWOS AV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	<b>\$ 300,000</b>	<b>\$ 106,000</b>	<b>\$ 406,000</b>	<b>\$ 365,000</b>	<b>\$ 14,000</b>	<b>\$ 26,000</b>	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
REIL	Both Rwy ends	Install REIL on Runway ends 13-31	\$ 40,000	\$ 6,000	\$ 46,000	\$ 41,000	\$ 2,000	\$ 3,000	
		<b>Sub-Total</b>	<b>\$ 40,000</b>	<b>\$ 6,000</b>	<b>\$ 46,000</b>	<b>\$ 41,000</b>	<b>\$ 2,000</b>	<b>\$ 3,000</b>	
		<b>Total</b>	<b>\$ 340,000</b>	<b>\$ 112,000</b>	<b>\$3,072,000</b>	<b>\$2,764,000</b>	<b>\$ 108,000</b>	<b>\$ 200,000</b>	

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\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> Acquire by Easement (also acquire Easement over the Public Road)

<sup>2</sup> Acquire by Easement (also acquire Easement over the Public Road)

<sup>3</sup> CIP 2020

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Gregory Municipal-Flynn Field						Funding Levels		
<b>Airport ID</b>	9D1						90.0%	3.5%	6.5%
<b>Airport Role</b>	Medium GA								
<b>City</b>	Gregory								
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2020	Runway 13-31	Design reconstruction & turnarounds w/ lighting			\$ 150,000	\$ 135,000	\$ 5,000	\$ 10,000	
2021	Runway 13-31	Reconstruct runway & turnarounds w/ lighting			\$3,800,000	\$3,420,000	\$ 133,000	\$ 247,000	
2023	Hangar Taxilane	Design & construct hangar taxilane expansion phase II			\$ 375,000	\$ 338,000	\$ 13,000	\$ 24,000	
2026	T Hangar	Design & construct 4-unit T hangar			\$ 340,000	\$ 306,000	\$ 12,000	\$ 22,000	
2027	Apron	Rehab			\$ 350,000	\$ 315,000	\$ 12,000	\$ 23,000	
2028	AWOS	AWOS III or AV			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000	
2029	ALP	Airport layout plan update			\$ 150,000	\$ 135,000	\$ 5,000	\$ 10,000	
2030	Hangar Taxilane	Design & construct hangar taxilane expansion			\$ 120,000	\$ 108,000	\$ 4,000	\$ 8,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$5,585,000	\$5,027,000	\$ 195,000	\$ 363,000	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Clear Part 77 (Primary Rwy) <sup>1</sup>	Runway 13 Trees	5010: 32 ft. trees, 1131 ft. from runway, 29:1 slope to clear	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
ARC Level	Rwy 13-31 RDC Increase	Runway 13-31 Increase RDC from A/B-I to B-II. Increase Pavement width 15' (+ 6,300 SY), replace MIRL, expand RSA (16,500 SY)	\$ 937,000	\$ 140,000	\$1,077,000	\$ 969,000	\$ 38,000	\$ 70,000	
Primary Rwy Length <sup>2</sup>	Lengthen Rwy 13-31	Increase length from 3,800' to 4,200' (+3,300 SY)	\$ 373,000	\$ 45,000	\$ 418,000	\$ 376,000	\$ 15,000	\$ 27,000	
Primary Rwy Width <sup>3</sup>	Widen Rwy 13-31	Widen current runway from 60' to 75' (+6,300 SY)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Twy Lighting <sup>4</sup>	Twy Lighting	Install MITL on taxiway	\$ 42,000	\$ 8,000	\$ 50,000	\$ 45,000	\$ 2,000	\$ 3,000	
REIL	Both Rwy ends	Install REIL on Runway ends 13-31	\$ 40,000	\$ 6,000	\$ 46,000	\$ 41,000	\$ 2,000	\$ 3,000	
Crosswind Rwy <sup>5</sup>	Crosswind Rwy	Construct Runway 18-36 (2,380' x 100' Turf), Grading, Cones, with 11.0 acres easement for RPZs	\$ 153,000	\$ 118,000	\$ 272,000	\$ 245,000	\$ 10,000	\$ 18,000	
Hangars - Based <sup>6</sup>	Hangar Storage*	Construct 6 covered storage units	\$ 272,000	\$ 40,000	\$ 312,000	\$ 281,000	\$ -	\$ 31,000	
ALP <sup>7</sup>	Update ALP	Update ALP to current FAA standards	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$1,817,000	\$ 358,000	\$2,175,000	\$1,958,000	\$ 65,000	\$ 152,000	
		<b>Total</b>	\$1,817,000	\$ 358,000	\$7,760,000	\$6,984,000	\$ 261,000	\$ 515,000	

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\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup>NPI- 34:1 (trees may have been removed), <sup>2</sup>based on 75' wide, <sup>3</sup>see ARC, <sup>4</sup>600 LF of Twy

<sup>5</sup>2380' x 100' (length can be constructed without road realignment with 18-36 position as identified in 2007 ALP), <sup>6</sup>Construct 2 needed (4 of 6 in CIP 2026), <sup>7</sup>CIP 2029

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport		Highmore Municipal						
Airport ID		9D0						
Airport Role		Small GA	Funding Levels					
City		Highmore	90.0%	3.5%	6.5%			
Short to Mid Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
2020	Taxilane/Apron	Taxilane Extension/Apron Expansion			\$ 600,000	\$ 540,000	\$ 21,000	\$ 39,000
2021	Lighting System	Install PAPIs & REILS			\$ 120,000	\$ 108,000	\$ 4,000	\$ 8,000
2022	AMP	Update Master Plan			\$ 350,000	\$ 315,000	\$ 12,000	\$ 23,000
2022	AWOS	Install AWOS III			\$ 200,000	\$ 180,000	\$ 7,000	\$ 13,000
2023	T Hangars Taxilanes	Construct taxilanes & prepare site for t hangars			\$ 400,000	\$ 360,000	\$ 14,000	\$ 26,000
2024	T Hangars*	Construct t hangars			\$ 600,000	\$ 540,000	\$ -	\$ 60,000
2025	EA	for runway extension & widening			\$ 100,000	\$ 90,000	\$ 4,000	\$ 7,000
2026	Runway 13-31	Extension & widening			\$ 2,000,000	\$ 1,800,000	\$ 70,000	\$ 130,000
<b>Sub-Total</b>			\$ -	\$ -	<b>\$ 4,370,000</b>	<b>\$ 3,933,000</b>	<b>\$ 132,000</b>	<b>\$ 305,000</b>
Long-Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
None								
<b>Sub-Total</b>			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020 SDSASP Recommendations								
Performance Measure	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Control RPZ (Primary Rwy) <sup>1</sup>	Rwy 31 RPZ	Acquire 5.4 acres of easement for RPZ protection	\$ 22,000	\$ 102,000	\$ 124,000	\$ 111,000	\$ 4,000	\$ 8,000
<b>Sub-Total</b>			\$ 22,000	\$ 102,000	\$ 124,000	\$ 111,000	\$ 4,000	\$ 8,000
Facility Service Target	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Hangars - Based <sup>2</sup>	Hangar Storage*	Construct 2 covered storage units	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Terminal Building	Terminal Building	Construct 450 SF (public waiting and pilot area)	\$ 84,000	\$ 14,000	\$ 98,000	\$ 88,000	\$ 3,000	\$ 6,000
Pilot Area <sup>3</sup>	Construct Pilot Area	Add 150 SF for pilot briefing/rest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Sub-Total</b>			\$ 84,000	\$ 14,000	\$ 98,000	\$ 88,000	\$ 3,000	\$ 6,000
<b>Total</b>			\$ 106,000	\$ 116,000	\$ 4,592,000	\$ 4,133,000	\$ 140,000	\$ 319,000

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup>Acquire in Easement (also acquire Easement over the Public Road)

<sup>2</sup>CIP 2024

<sup>3</sup>Included with Terminal Building

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Hot Springs Municipal						Funding Levels 90.0%    3.5%    6.5%		
<b>Airport ID</b>	HSR								
<b>Airport Role</b>	Medium GA								
<b>City</b>	Hot Springs								
<b>Short to Mid Term CIP</b>			<b>Costs</b>			<b>Funding</b>			
<b>Year</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
2020	T Hangar*	Design 10-unit T hangar & taxilanes			\$ 85,000	\$ 77,000	\$ -	\$ 9,000	
2021	T Hangar*	Construct 10-unit T hangar & taxilanes phase I			\$ 739,000	\$ 665,000	\$ -	\$ 74,000	
2022	T Hangar*	Construct 10-unit T hangar & taxilanes phase II			\$ 335,000	\$ 302,000	\$ -	\$ 34,000	
2023	Parallel Taxiway	Design/construct Runway 1-19 parallel taxiway			\$1,500,000	\$1,350,000	\$ 53,000	\$ 98,000	
2024	Land Acquisition	Purchase runway 1-19 RPZ land			\$ 200,000	\$ 180,000	\$ 7,000	\$ 13,000	
2025	Runway 1-19	Reconstruct			\$3,000,000	\$2,700,000	\$ 105,000	\$ 195,000	
2026	Runway 1-19	MIRL			\$ 350,000	\$ 315,000	\$ 12,000	\$ 23,000	
2027	AWOS	AWOS-III			\$ 200,000	\$ 180,000	\$ 7,000	\$ 13,000	
2028	Runway 6-24	Lighting system			\$ 250,000	\$ 225,000	\$ 9,000	\$ 16,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$6,659,000	\$5,993,000	\$ 193,000	\$ 473,000	
<b>Long-Term CIP</b>			<b>Costs</b>			<b>Funding</b>			
<b>Year</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>2020 SDSASP Recommendations</b>									
<b>Performance Measure</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Costs</b>			<b>Funding</b>			
			<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
Clear Part 77 (Primary Rwy) <sup>1</sup>	Rwy 19 Trees	5010: 122 ft. tree, 3400 ft. from runway, 26:1 slope to clear	\$ 2,000	\$ -	\$ 2,000	\$ 2,000	\$ -	\$ 200	
Certified WX <sup>2</sup>	Install AWOS	AWOS III	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$ 2,000	\$ -	\$ 2,000	\$ 2,000	\$ -	\$ 200	
<b>Facility Service Target</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Costs</b>			<b>Funding</b>			
			<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
Twy Lighting <sup>3</sup>	Twy Lighting	Replace reflectors with MITL	\$ 35,000	\$ 7,000	\$ 42,000	\$ 38,000	\$ 1,000	\$ 3,000	
REIL	Both Rwy ends	Install REIL on Runway ends 01-19	\$ 40,000	\$ 6,000	\$ 46,000	\$ 41,000	\$ 2,000	\$ 3,000	
Hangars - Based <sup>4</sup>	Hangar Storage*	Construct 7 covered storage units	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$ 75,000	\$ 13,000	\$ 88,000	\$ 79,000	\$ 3,000	\$ 6,000	
		<b>Total</b>	\$ 77,000	\$ 13,000	\$6,749,000	\$6,074,000	\$ 196,000	\$ 479,000	

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\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> NPI - 34:1 Tree Obstruction is Runway 19 rather than Runway 01 noted in 5010.

<sup>2</sup> CIP 2027

<sup>3</sup> 500 LF of Twy

<sup>4</sup> CIP 2021

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport	Hoven Municipal						Funding Levels		
Airpor ID	9F8						90.0%	3.5%	6.5%
Airport Role	Small GA								
City	Hoven								
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2020	Fuel System	Fuel dispenser & card reader for existing 100LL			\$ 350,000	\$ 315,000	\$ 12,000	\$ 23,000	
2022	Lighting System	Improvements, replace MIRL, PAPIs, beacon & windcone			\$ 500,000	\$ 450,000	\$ 18,000	\$ 33,000	
2023	Pvmt Maintenance	Crack sealing, seal coat, markings			\$ 200,000	\$ 180,000	\$ 7,000	\$ 13,000	
2024	Fence	Construct wildlife fence			\$ 400,000	\$ 360,000	\$ 14,000	\$ 26,000	
2026	Hangar Taxilanes	Extend			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000	
2027	Taxiway	Parallel Taxiway			\$ 2,000,000	\$ 1,800,000	\$ -	\$ 200,000	
2028	Hangar*	Revenue producing hangar			\$ 500,000	\$ 450,000	\$ -	\$ 50,000	
2029	Fuel System*	Revenue producing fuel system			\$ 450,000	\$ 405,000	\$ 16,000	\$ 29,000	
		<b>Sub-Total</b>	\$ -	\$ -	<b>\$4,700,000</b>	<b>\$4,230,000</b>	<b>\$ 77,000</b>	<b>\$ 393,000</b>	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Control RPZ (Primary Rwy)	Rwy 13 RPZ	Aquire 5.4 acres as fee for RPZ protection	\$ 22,000	\$ 102,000	\$ 124,000	\$ 111,000	\$ 4,000	\$ 8,000	
Critical Aircraft <sup>1</sup>	Update Critical Aircraft	Update critical design aircraft from A-I (S)-Vis to A-II (S)-Vis using most demanding aircraft of an Air Tractor 502. Widen 15' (+6,200 SY), Replace MIRL, Expand RSA (15,800 SY)	\$ 918,000	\$ 138,000	\$ 1,056,000	\$ 950,000	\$ 37,000	\$ 69,000	
		<b>Sub-Total</b>	<b>\$ 940,000</b>	<b>\$ 240,000</b>	<b>\$ 1,179,000</b>	<b>\$ 1,062,000</b>	<b>\$ 41,000</b>	<b>\$ 77,000</b>	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Pilot Area <sup>2</sup>	Construct Pilot Area	Additional 150 SF for pilot briefing and pilot rest	\$ 30,000	\$ 6,000	\$ 36,000	\$ 32,000	\$ 1,000	\$ 2,000	
		<b>Sub-Total</b>	<b>\$ 30,000</b>	<b>\$ 6,000</b>	<b>\$ 36,000</b>	<b>\$ 32,000</b>	<b>\$ 1,000</b>	<b>\$ 2,000</b>	
		<b>Total</b>	<b>\$970,000</b>	<b>\$ 246,000</b>	<b>\$5,915,000</b>	<b>\$5,324,000</b>	<b>\$120,000</b>	<b>\$ 472,000</b>	

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\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup>3700 x 75

<sup>2</sup>10x5 for briefing, 10x10 for pilot rest

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Howard Municipal						Funding Levels		
<b>Airport ID</b>	8D9						90.0%	3.5%	6.5%
<b>Airport Role</b>	Basic Service								
<b>City</b>	Howard								
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Control RPZ (Primary Rwy) <sup>1</sup>	Rwy 13 RPZ	Acquire Easement on 6.7 acres for RPZ	\$ 27,000	\$ -	\$ 27,000	\$ 24,000	\$ 1,000	\$ 2,000	
Control RPZ (Primary Rwy) <sup>2</sup>	Rwy 31 RPZ	Acquire Easement on 6.9 acres for RPZ	\$ 28,000	\$ -	\$ 28,000	\$ 25,000	\$ 1,000	\$ 2,000	
Control RPZ (Non-Primary Rwy) <sup>3</sup>	Rwy 18 RPZ	Acquire Easement on 6.5 acres for RPZ	\$ 26,000	\$ -	\$ 26,000	\$ 23,000	\$ 1,000	\$ 2,000	
Control RPZ (Non-Primary Rwy)	Rwy 36 RPZ	Acquire Easement on 6.9 acres for RPZ	\$ 28,000	\$ 103,000	\$ 130,000	\$ 117,000	\$ 5,000	\$ 8,000	
		<b>Sub-Total</b>	\$ 108,000	\$ 103,000	\$ 211,000	\$ 190,000	\$ 7,000	\$ 14,000	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Total</b>	\$ 108,000	\$ 103,000	\$ 211,000	\$ 190,000	\$ 7,000	\$ 14,000	

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> Acquire in Easement (also acquire Easement over Public Road)

<sup>2</sup> Acquire in Easement (also acquire Easement over Public Road)

<sup>3</sup> Acquire in Easement (also acquire Easement over Public Road)



**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Huron Regional						Funding Levels 90.0%      3.5%      6.5%		
<b>Airport ID</b>	HON								
<b>Airport Role</b>	Large GA								
<b>City</b>	Huron								
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2020	Runway Pavement	Runway 12-30 spall repair and joint sealing			\$ 316,000	\$ 284,000	\$ 11,000	\$ 21,000	
2021	SRE/Wind Cones	Plow/broom; Replace Windcones and Beacon			\$ 800,000	\$ 720,000	\$ 28,000	\$ 52,000	
2022	Runway Pavement	Runway 18-35 rehab			\$ 750,000	\$ 675,000	\$ 26,000	\$ 49,000	
2023	GA apron	Rehab GA apron			\$ 900,000	\$ 810,000	\$ 32,000	\$ 59,000	
2024	Partial Parallel Twy	Construct partial parallel taxiway to Runway 36 end			\$ 1,800,000	\$ 1,620,000	\$ 63,000	\$ 117,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$ 4,566,000	\$ 4,109,000	\$ 160,000	\$ 297,000	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Clear Part 77 (Primary Rwy) <sup>1</sup>	Rwy 30 antenna	5010: 23 ft. antenna, 850 ft from runway, 500 ft. right of centerline, 28:1 slope to clear	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Control RPZ (Non-Primary Rwy) <sup>2</sup>	Rwy 35 RPZ	Acquire 3.5 acres as easement for RPZ Protection	\$ 21,000	\$ 102,000	\$ 123,000	\$ 111,000	\$ 4,000	\$ 8,000	
		<b>Sub-Total</b>	\$ 21,000	\$ 102,000	\$ 123,000	\$ 111,000	\$ 4,000	\$ 8,000	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Total</b>	\$ 21,000	\$ 102,000	\$ 4,689,000	\$ 4,220,000	\$ 164,000	\$ 305,000	

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup>NPI - 34:1 (No obstruction; None on ALP; None on Google Earth)

<sup>2</sup>Acquire by Easement (does not include acquiring Railway Easement)

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Lemmon Municipal						Funding Levels		
<b>Airport ID</b>	LEM						90.0%	3.5%	6.5%
<b>Airport Role</b>	Medium GA								
<b>City</b>	Lemmon								
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2020	Fuel System*	Design new fuel system & card reader			\$ 70,000	\$ 63,000	\$ -	\$ 7,000	
2022	Fuel System*	Install fuel system & card reader (100LL & JetA)			\$ 400,000	\$ 360,000	\$ -	\$ 40,000	
2023	AMP & ALP	Master plan update w/ ALP			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000	
2025	Apron/Hangar Txln	Design - Reconstruct Hangar taxilane/Apron			\$ 100,000	\$ 90,000	\$ 4,000	\$ 7,000	
2026	Hangar Taxilane	Construct - Reconstruct Hangar taxilane/Apron			\$1,500,000	\$1,350,000	\$ 53,000	\$ 98,000	
		<b>Sub-Total</b>	\$ -	\$ -	<b>\$2,370,000</b>	<b>\$2,133,000</b>	<b>\$ 67,000</b>	<b>\$ 171,000</b>	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
PCI 70+ (Primary Rwy) <sup>1</sup>	Rwy 11-29 Rehab	Runway 11-29 rehabilitation (37,500 SY)			\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
REIL	Both Rwy ends	Install REIL on Runway ends 11-29	\$ 40,000	\$ 6,000	\$ 46,000	\$ 41,000	\$ 2,000	\$ 3,000	
ALP <sup>2</sup>	Update ALP	Update ALP to current FAA standards	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Paved Entry	Pave Entry Road	Construct 1000 LF of 2 lane road and 600 SY of parking	\$ 172,000	\$ 21,000	\$ 193,000	\$ 173,000	\$ 7,000	\$ 13,000	
		<b>Sub-Total</b>	<b>\$ 212,000</b>	<b>\$ 27,000</b>	<b>\$ 239,000</b>	<b>\$ 215,000</b>	<b>\$ 8,000</b>	<b>\$ 16,000</b>	
		<b>Total</b>	<b>\$ 212,000</b>	<b>\$ 27,000</b>	<b>\$2,609,000</b>	<b>\$2,348,000</b>	<b>\$ 75,000</b>	<b>\$ 186,000</b>	

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> Under Construction 2020 (increase PCI from 52 to >70)

<sup>2</sup> CIP 2023

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport	Madison Municipal						Funding Levels		
Airport ID	MDS						90.0%	3.5%	6.5%
Airport Role	Large GA								
City	Madison								
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2020	Apron Expansion	Design for apron expansion, 10,450 SY			\$ 135,000	\$ 122,000	\$ 5,000	\$ 9,000	
2021	Apron Expansion	Construct apron expansion, 10,450 SY			\$ 1,230,000	\$ 1,107,000	\$ 43,000	\$ 80,000	
2022	Hangar taxilanes	Design reconstruction of hangar taxilanes			\$ 60,000	\$ 54,000	\$ 2,000	\$ 4,000	
2023	Hangar taxilanes	Construct - Recon hangar taxilanes, crack sealing			\$ 490,000	\$ 441,000	\$ 17,000	\$ 32,000	
2024	FBO Apron Recon & Fuel System*	Desgin - Reconst apron & taxilane; Install Fuel System			\$ 125,000	\$ 113,000	\$ 4,000	\$ 8,000	
2025	FBO Apron Recon & Fuel System*	Reconstruct apron & taxilane; Install Fuel System			\$ 750,000	\$ 675,000	\$ 26,000	\$ 49,000	
2026	Sewer	Install sanitary sewer service			\$ 250,000	\$ 225,000	\$ 9,000	\$ 16,000	
2027	ALP Update	Terminal area plan; crack sealing			\$ 135,000	\$ 122,000	\$ 5,000	\$ 9,000	
2028	EA/RPZ Analysis	EA for Runway -21 Extension/RPZ Analysis			\$ 200,000	\$ 180,000	\$ 7,000	\$ 13,000	
2029	Runway Extension	Design extension of runway 3-21, 3,600x120'			\$ 80,000	\$ 72,000	\$ 3,000	\$ 5,000	
2030	Runway Extension	Construct extension of runway 3-21 48,000 SY			\$ 600,000	\$ 540,000	\$ 21,000	\$ 39,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$ 4,055,000	\$ 3,650,000	\$ 142,000	\$ 264,000	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Clear Part 77 (Primary Rwy) <sup>1</sup>	Rwy 33 Tree	5010: 44 ft. trees, 1300 ft. from runway, 200 ft. right of centerline, 32:1 slope to clear	\$ 100,000	\$ 20,000	\$ 120,000	\$ 108,000	\$ 4,000	\$ 8,000	
PCI 50+ (Apron) <sup>2</sup>	Apron Reconstruction	Reconstruct FBO Apron (4,300 SY.)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$ 100,000	\$ 20,000	\$ 120,000	\$ 108,000	\$ 4,000	\$ 8,000	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
ARC Level <sup>3</sup>	Rwy 15-33 RDC Increase	Runway 15-33 Increase RDC from B-II-5000 to C-II-4000. Widen Runway 25' (+13,800 SqYd), Relocate Runway 550' NW to avoid residence in RPZ (6,100 SY), replace MIRL, regrade RSA (326,500 SY), relocate Aerial Applicator Hangar and 12 Hangar Units, replace Apron (3,300 SY), realign 7,400 + 800 LF of road), Land 13 end (40.0 acres), 31 end (7.5 acres easement)	\$ 10,951,000	\$ 1,414,000	\$ 12,365,000	\$ 11,129,000	\$ 433,000	\$ 804,000	
Primary Rwy Width <sup>4</sup>	Widen Rwy 15-33	Widen current runway from 75' to 100' (+13,900 SY)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Parallel Twy Type	Rwy 15-33 Twy	Construct 5,000'x35' parallel taxiway (19,500 SY)	\$ 2,593,000	\$ 311,000	\$ 2,904,000	\$ 2,613,000	\$ 102,000	\$ 189,000	
Twy Lighting <sup>5</sup>	Twy Lighting	Replace reflectors on taxiway and install MITL	\$ 42,000	\$ 8,000	\$ 50,000	\$ 45,000	\$ 2,000	\$ 3,000	
Hangars - Based	Hangar Storage*	Construct 2 covered storage units	\$ 272,000	\$ 40,000	\$ 312,000	\$ 281,000	\$ -	\$ 31,000	
		<b>Sub-Total</b>	\$ 13,858,000	\$ 1,774,000	\$ 15,631,000	\$ 14,068,000	\$ 536,000	\$ 1,027,000	
		<b>Total</b>	\$ 13,958,000	\$ 1,794,000	\$ 19,806,000	\$ 17,826,000	\$ 682,000	\$ 1,298,000	

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications. \* Revenue Producing Facilities are not currently eligible for State funding. <sup>1</sup> NPI - 34:1 (tree grove 50+ trees for trim/removal), <sup>2</sup> CIP 2024-25 Increase PCI from 14 to >50  
<sup>3</sup> To Meet RPZ requirements, relocate Runway 550' NW along centerline. For OFA and RPZ relocate 12 Hangar Units and Aerial Applicator Hangar and realign 8200 LF of road.  
<sup>4</sup> See ARC, <sup>5</sup> 600 LF of Twy

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Martin Municipal						Funding Levels		
<b>Airport ID</b>	9V6						90.0%	3.5%	6.5%
<b>Airport Role</b>	Small GA								
<b>City</b>	Martin								
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2020	Land Acquisition	for runway GPS approach, RPZ & compatible use			\$ 140,000	\$ 126,000	\$ 5,000	\$ 9,000	
2021	Fence	Design & construct wildlife fence phase II			\$ 444,000	\$ 400,000	\$ 16,000	\$ 29,000	
2023	Pvmt Maintenance	Apron & taxilanes			\$ 556,000	\$ 500,000	\$ 19,000	\$ 36,000	
2028	Fuel System*	Design & construct			\$ 333,000	\$ 300,000	\$ -	\$ 33,000	
2029	Crosswind Runway	Crosswind runway			\$ 556,000	\$ 500,000	\$ 19,000	\$ 36,000	
2030	Terminal/SRE Building	SRE Equipment and Terminal Building			\$ 250,000	\$ 225,000	\$ 9,000	\$ 16,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$ 2,279,000	\$ 2,051,000	\$ 68,000	\$ 160,000	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2031	Pvmt Maintenance	Runway 14-32			\$ 1,111,000	\$ 1,000,000	\$ 39,000	\$ 72,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$ 1,111,000	\$ 1,000,000	\$ 39,000	\$ 72,000	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Fuel Availability <sup>1</sup>	Jet A Fuel System*	Construct Jet A fuel system	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Certified WX	Install AWOS	AWOS III	\$ 250,000	\$ 50,000	\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000	
		<b>Sub-Total</b>	\$ 250,000	\$ 50,000	\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Terminal Building <sup>2</sup>	Terminal Building	Construct 520 SF (public waiting, pilot area, and restroom)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Restroom <sup>3</sup>	Construct Restroom	Add 70 SF for restroom	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Pilot Area <sup>4</sup>	Construct Pilot Area	Add 150 SF for pilot briefing/rest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Total</b>	\$ 250,000	\$ 50,000	\$ 3,690,000	\$ 3,321,000	\$ 117,000	\$ 252,000	

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> CIP 2028

<sup>2</sup> CIP 2030

<sup>3</sup> included in Terminal Building

<sup>4</sup> included in Terminal Building

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	McLaughlin Municipal						Funding Levels 90.0%    3.5%    6.5%		
<b>Airpor ID</b>	SP2								
<b>Airport Role</b>	Small GA								
<b>City</b>	McLaughlin								
<b>Short to Mid Term CIP</b>			<b>Costs</b>			<b>Funding</b>			
<b>Year</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
2020	Land Acquisition	30 acres 31 RPZ			\$ 50,000	\$ 45,000	\$ 2,000	\$ 3,000	
2020	ALP	Update w/ obstruction survey & cultural survey			\$ 334,000	\$ 301,000	\$ 12,000	\$ 22,000	
2022	AWOS	AWOS III or AWOS AV			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000	
2023	Hangar*	Design revenue producing hangar			\$ 50,000	\$ 45,000	\$ -	\$ 5,000	
2024	Hangar*	Revenue producing hangar			\$ 600,000	\$ 540,000	\$ -	\$ 60,000	
2026	Fence	Design & construct wildlife fence			\$ 750,000	\$ 675,000	\$ 26,000	\$ 49,000	
2027	Hangar Taxilane	Rehab & extension			\$ 350,000	\$ 315,000	\$ 12,000	\$ 23,000	
2028	Fuel System*	Revenue producing fuel system			\$ 350,000	\$ 315,000	\$ -	\$ 35,000	
2029	Pvmt Maintenance	Pavement maintenance			\$ 150,000	\$ 135,000	\$ 5,000	\$ 10,000	
2030	Runway 13-31	Rehab			\$ 1,000,000	\$ 900,000	\$ 35,000	\$ 65,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$ 3,934,000	\$ 3,541,000	\$ 103,000	\$ 291,000	
<b>Long-Term CIP</b>			<b>Costs</b>			<b>Funding</b>			
<b>Year</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>2020 SDSASP Recommendations</b>									
<b>Performance Measure</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Costs</b>			<b>Funding</b>			
			<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
None					\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Facility Service Target</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Costs</b>			<b>Funding</b>			
			<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
Hangars - Based <sup>1</sup>	Hangar Storage*	Construct 5 covered storage units	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Restroom	Construct Restroom	Add 70 SF for restroom	\$ 14,000	\$ 2,000	\$ 16,000	\$ 14,000	\$ 1,000	\$ 1,000	
Pilot Area	Construct Pilot Area	Add 150 SF for pilot briefing/rest	\$ 30,000	\$ 6,000	\$ 36,000	\$ 32,000	\$ 1,000	\$ 2,000	
		<b>Sub-Total</b>	\$ 44,000	\$ 8,000	\$ 52,000	\$ 47,000	\$ 2,000	\$ 3,000	
		<b>Total</b>	\$ 44,000	\$ 8,000	\$ 3,986,000	\$ 3,587,000	\$ 105,000	\$ 294,000	

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup>CIP 2023-24

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport		Milbank Municipal						
Airport ID		1D1						
Airport Role		Medium GA	Funding Levels					
City		Milbank	90.0%	3.5%	6.5%			
Short to Mid Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
2020	Fuel System Upgrades*	Upgrade Fuel System (Jet A) CATEX, Design, Construct			\$ 215,000	\$ 194,000	\$ -	\$ 22,000
2020	Land Acquisition	Land for 13-31 RPZ			\$ 335,000	\$ 302,000	\$ 12,000	\$ 22,000
2021	AWOS	AWOS III or AWOS AV			\$ 275,000	\$ 248,000	\$ 10,000	\$ 18,000
2022	Turnaround	Design & construct turnaround			\$ 850,000	\$ 765,000	\$ 30,000	\$ 55,000
2023	EA	for partial parallel taxiway & hangar area expansion			\$ 30,000	\$ 27,000	\$ 1,000	\$ 2,000
2024	Partial Parallel Twy/ Hangar Area	Design & construct partial parallel taxiway (550') and Hangar area			\$ 400,000	\$ 360,000	\$ 14,000	\$ 26,000
2025	Pvmt Maintenance	Pavement maintenance			\$ 50,000	\$ 45,000	\$ 2,000	\$ 3,000
2026	Wildlife Hazard	Wildlife hazard site visit & management plan			\$ 20,000	\$ 18,000	\$ 1,000	\$ 1,000
2027	Wildlife Fence	Design & construct			\$ 500,000	\$ 450,000	\$ 18,000	\$ 33,000
2028	Turf Crosswind	Design & construct new turf crosswind runway			\$ 750,000	\$ 675,000	\$ 26,000	\$ 49,000
2029	Hangar Area	Design & construct hangar area expansion			\$ 500,000	\$ 450,000	\$ 18,000	\$ 33,000
2030	Partial Parallel Twy	Design & construct parallel taxiway, 1,800'			\$ 1,000,000	\$ 900,000	\$ 35,000	\$ 65,000
<b>Sub-Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,925,000</b>	<b>\$ 4,433,000</b>	<b>\$ 165,000</b>	<b>\$ 328,000</b>
Long-Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
None								
<b>Sub-Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
2020 SDSASP Recommendations								
Performance Measure	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Clear Part 77 (Primary Rwy) <sup>1</sup>	Rwy 31 Road	5010: 15 ft. road, 525 ft. from runway, 21:1 slope to clear	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Critical Aircraft <sup>2</sup>	Update Critical Aircraft	Update critical design aircraft from A-I (S)-5000 to A-II (S)-5000 using most demanding aircraft (Air Tractor 602). Increase runway width 15' (+ 6,700 SY), replace MIRL, expand RSA (16,800), relocate 8 Unit T-Hangar	\$ 2,080,000	\$ 312,000	\$ 2,392,000	\$ 2,152,000	\$ 84,000	\$ 155,000
<b>Sub-Total</b>			<b>\$ 2,080,000</b>	<b>\$ 312,000</b>	<b>\$ 2,392,000</b>	<b>\$ 2,152,000</b>	<b>\$ 84,000</b>	<b>\$ 155,000</b>
Facility Service Target	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
ARC Level <sup>3</sup>	Rwy 13-31 RDC Increase	Runway 13-31 Increase RDC from A-I (S)-5000 to A-II (S)-5000. Increase Pavement width 15', expand RSA/OFA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Primary Rwy Length <sup>4</sup>	Lengthen Rwy 13-31	Increase length from 4,000' to 4,200' with 200' displacement to 31 End (+3,300 SY), acquire OFA and RPZ (13.3 acres)	\$ 438,000	\$ 153,000	\$ 591,000	\$ 532,000	\$ 21,000	\$ 38,000
Primary Rwy Width <sup>5</sup>	Widen Rwy 13-31	Widen current runway from 60' to 75' (+6,700 SY)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Twy Lighting <sup>6</sup>	Twy Lighting	Replace LITL/Reflectors on taxiway with MITL	\$ 72,000	\$ 14,000	\$ 86,000	\$ 78,000	\$ 3,000	\$ 6,000
REIL	Both Rwy ends	Install REIL on Runway ends 13-31	\$ 40,000	\$ 6,000	\$ 46,000	\$ 41,000	\$ 2,000	\$ 3,000
Hangar-Business <sup>7</sup>	Hangar Storage*	Construct a storage hangar for a King Air 250	\$ 624,000	\$ 90,000	\$ 714,000	\$ 643,000	\$ -	\$ 71,000
<b>Sub-Total</b>			<b>\$ 1,174,000</b>	<b>\$ 263,000</b>	<b>\$ 1,437,000</b>	<b>\$ 1,293,000</b>	<b>\$ 25,000</b>	<b>\$ 118,000</b>
<b>Total</b>			<b>\$ 3,254,000</b>	<b>\$ 575,000</b>	<b>\$ 8,754,000</b>	<b>\$ 7,878,000</b>	<b>\$ 274,000</b>	<b>\$ 601,000</b>

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications. \* Revenue Producing Facilities are not currently eligible for State fun

<sup>1</sup> NPI - 34:1; The road is currently below the 20:1 Threshold Siting Surface. Recommend no mitigation at this time. Mitigate with Threshold Relocation by 200' with Runway Lengthing Project

<sup>2</sup> Relocate 8 Unit T-Hangar (tight terminal area so no good location identified), <sup>3</sup> See Critical Aircraft, <sup>4</sup> Requires relocate 31 Threshold by 200'. Total Extension to 13 end is 400'.

<sup>5</sup> See Critical Aircraft, <sup>6</sup> 1000 LF of Twy, 760' x 80' Hangar

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Miller Municipal						Funding Levels 90.0%    3.5%    6.5%		
<b>Airport ID</b>	MKA								
<b>Airport Role</b>	Small GA								
<b>City</b>	Miller								
<b>Short to Mid Term CIP</b>			<b>Costs</b>			<b>Funding</b>			
<b>Year</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
2021	Taxiway/Taxilane/ Access Road	Design - Taxiway/Hangar Taxilane Expansion; Taxilane rehab; Access Road Rehab			\$ 60,000	\$ 54,000	\$ 2,000	\$ 4,000	
2021	Taxiway/Taxilane/ Access Road	Construct - Taxiway/Hangar Taxilane Expansion; Taxilane rehab; Access Road Rehab			\$ 1,445,000	\$ 1,301,000	\$ 51,000	\$ 94,000	
2023	Apron/Access Road	Design - Apron, Access Road, Parking Lot			\$ 50,000	\$ 45,000	\$ 2,000	\$ 3,000	
2024	Apron	Construct - Apron, Access Road, Parking Lot			\$ 1,310,000	\$ 1,179,000	\$ 46,000	\$ 85,000	
2026	Hangar*	Revenue producing hangar			\$ 750,000	\$ 675,000	\$ -	\$ 75,000	
2027	SRE/Terminal Building	Move and/or construct new SRE/terminal building			\$ 350,000	\$ 315,000	\$ 12,000	\$ 23,000	
2028	SRE	SRE			\$ 160,000	\$ 144,000	\$ 6,000	\$ 10,000	
2029	Fuel System*	Revenue producing fuel system			\$ 400,000	\$ 360,000	\$ -	\$ 40,000	
2030	AWOS	AWOS III or AWOS AV			\$ 250,000	\$ 225,000	\$ 9,000	\$ 16,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$ 4,775,000	\$ 4,298,000	\$ 127,000	\$ 351,000	
<b>Long-Term CIP</b>			<b>Costs</b>			<b>Funding</b>			
<b>Year</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>2020 SDSASP Recommendations</b>									
<b>Performance Measure</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Costs</b>			<b>Funding</b>			
			<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
Clear Part 77 (Primary Rwy) <sup>1</sup>	Rwy 33 Pole	5010: 35 ft. pole, 1370 ft. from runway, 80 ft. right of centerline, 33:1 slope to clear	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Critical Aircraft <sup>2</sup>	Rwy 15-33 RDC Increase	Runway 15-33 Increase RDC from B-I (S)-5000 to B-II-5000. Increase Pavement width 15' (+ 6,000 SY) replace MIRL, expand RPZ, expand RSA (15,500 SY)	\$ 930,000	\$ 140,000	\$ 1,070,000	\$ 963,000	\$ 37,000	\$ 70,000	
		<b>Sub-Total</b>	\$ 930,000	\$ 140,000	\$ 1,070,000	\$ 963,000	\$ 37,000	\$ 70,000	
<b>Facility Service Target</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Costs</b>			<b>Funding</b>			
			<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
Restroom	Construct Restroom	Add 70 SF for restroom	\$ 14,000	\$ 2,000	\$ 16,000	\$ 14,000	\$ 1,000	\$ 1,000	
Pilot Area	Construct Pilot Area	Add 150 SF for pilot briefing/rest	\$ 30,000	\$ 6,000	\$ 36,000	\$ 32,000	\$ 1,000	\$ 2,000	
		<b>Sub-Total</b>	\$ 44,000	\$ 8,000	\$ 52,000	\$ 47,000	\$ 2,000	\$ 3,000	
		<b>Total</b>	\$ 974,000	\$ 148,000	\$ 5,897,000	\$ 5,307,000	\$ 166,000	\$ 424,000	

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\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup>NPI - 34:1 Obstruction is below 20:1 Threshold Siting Surface; not cost effective to lower 1.2 feet for marginal benefit

<sup>2</sup>Also Relocate PAPIs

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Mitchell Municipal						Funding Levels		
<b>Airport ID</b>	MHE						90.0%	3.5%	6.5%
<b>Airport Role</b>	Large GA								
<b>City</b>	Mitchell								
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2020	Master Plan	Master plan, ALP update, cultural survey, GIS survey; PM			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000	
2022	Runway 18-36	Reconstruct Rwy 18-36, connector, turnaround and lighting			\$ 7,000,000	\$ 6,300,000	\$ 245,000	\$ 455,000	
2025	Apron Rehab	Design apron rehab			\$ 35,000	\$ 32,000	\$ 1,000	\$ 2,000	
2026	Apron Rehab	Construct apron rehab			\$ 850,000	\$ 765,000	\$ 30,000	\$ 55,000	
2027	Commercial Area	Design & construct commercial hangar txIn expansion area			\$ 450,000	\$ 405,000	\$ 16,000	\$ 29,000	
2030	Parallel Taxiway	Runway 17-35 parallel taxiway			\$ 2,000,000	\$ 1,800,000	\$ 70,000	\$ 130,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$ 10,635,000	\$ 9,572,000	\$ 373,000	\$ 691,000	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2031	Midfield Taxiway	Reconstruct midfield taxiway			\$ 750,000	\$ 675,000	\$ 26,000	\$ 49,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$ 750,000	\$ 675,000	\$ 26,000	\$ 49,000	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Parallel Twy Type	Rwy 12-30 Twy	Add 1,170'x50' to existing parallel taxiway (6,500 SY)	\$ 829,000	\$ 100,000	\$ 929,000	\$ 836,000	\$ 33,000	\$ 60,000	
Hangars - Based	Hangar Storage*	Construct 2 covered storage units	\$ 272,000	\$ 40,000	\$ 312,000	\$ 281,000	\$ -	\$ 31,000	
		<b>Sub-Total</b>	\$ 1,101,000	\$ 140,000	\$ 1,241,000	\$ 1,117,000	\$ 33,000	\$ 92,000	
		<b>Total</b>	\$ 1,101,000	\$ 140,000	\$ 12,626,000	\$ 11,363,000	\$ 431,000	\$ 832,000	

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding



**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Mobridge Municipal						Funding Levels		
<b>Airport ID</b>	MBG						90.0%	3.5%	6.5%
<b>Airport Role</b>	Medium GA								
<b>City</b>	Mobridge								
<b>Short to Mid Term CIP</b>			<b>Costs</b>			<b>Funding</b>			
<b>Year</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
2020	Taxilane	Design mill & overlay taxilane reconstruction			\$ 110,000	\$ 99,000	\$ 4,000	\$ 7,000	
2020	Beacon	Replace Beacon			\$ 80,000	\$ 72,000	\$ 3,000	\$ 5,000	
2022	Fuel System*	Upgrades & add Jet A			\$ 250,000	\$ 225,000	\$ -	\$ 25,000	
2023	AMP & ALP	Master plan, ALP, AGIS, cultural survey, exhibit A			\$ 350,000	\$ 315,000	\$ 12,000	\$ 23,000	
2024	EA Twy & Rwy	For parallel taxiway & runway extension			\$ 200,000	\$ 180,000	\$ 7,000	\$ 13,000	
2025	Parallel Taxiway	Design			\$ 150,000	\$ 135,000	\$ 5,000	\$ 10,000	
2026	Parallel Taxiway	Construct			\$2,000,000	\$1,800,000	\$ 70,000	\$ 130,000	
2027	Land Acquisition	for runway extension			\$ 400,000	\$ 360,000	\$ 14,000	\$ 26,000	
2028	Wetland Mitigation	for runway extension			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000	
2029	Runway Extension	Design Runway Extension			\$ 175,000	\$ 158,000	\$ 6,000	\$ 11,000	
2030	Runway Extension	Construct Runway Extension			\$1,500,000	\$1,350,000	\$ 53,000	\$ 98,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$5,515,000	\$4,964,000	\$ 184,000	\$ 367,000	
<b>Long-Term CIP</b>			<b>Costs</b>			<b>Funding</b>			
<b>Year</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
2031	WHA/WHMP	Wildlife Hazard Assessment and Management Plan			\$ 50,000	\$ 45,000	\$ 2,000	\$ 3,000	
2032	Wildlife Fence	Design - Wildlife Fence			\$ 80,000	\$ 72,000	\$ 3,000	\$ 5,000	
2033	Fence	Construct - Wildlife Fence			\$ 500,000	\$ 450,000	\$ 18,000	\$ 33,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$ 630,000	\$ 567,000	\$ 22,000	\$ 41,000	
<b>2020 SDSASP Recommendations</b>									
<b>Performance Measure</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Costs</b>			<b>Funding</b>			
			<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
Clear Part 77 (Primary Rwy) <sup>1</sup>	Rwy 30 Powerline	5010: 60 ft. powerline, 2000 ft. from runway, 30:1 slope to clear	\$ 8,000	\$ 2,000	\$ 10,000	\$ 9,000	\$ -	\$ 1,000	
Control RPZ (Primary Rwy) <sup>2</sup>	Rwy 12 RPZ	Acquire 3.5 acres as easement for RPZ protection	\$ 14,000	\$ -	\$ 14,000	\$ 13,000	\$ -	\$ 1,000	
Control RPZ (Primary Rwy)	Rwy 30 RPZ	Acquire 3.7 acres as easement for RPZ protection	\$ 15,000	\$ -	\$ 15,000	\$ 13,000	\$ 1,000	\$ 1,000	
Control RPZ (Non-Primary Rwy) <sup>3</sup>	Rwy 17 RPZ	Acquire 2.0 acres as easement for RPZ protection	\$ 8,000	\$ -	\$ 8,000	\$ 7,000	\$ -	\$ 1,000	
Control RPZ (Non-Primary Rwy)	Rwy 35 RPZ	Acquire 5.4 acres in fee for RPZ protection	\$ 22,000	\$ 102,000	\$ 124,000	\$ 111,000	\$ 4,000	\$ 8,000	
PCI 70+ (Primary Rwy) <sup>4</sup>	Rwy 12-30 Recon	Runway 12-30 reconstruction to increase PCI from 31 to greater than 70. (36,700 SY)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$ 66,000	\$ 104,000	\$ 170,000	\$ 153,000	\$ 6,000	\$ 11,000	
<b>Facility Service Target</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Costs</b>			<b>Funding</b>			
			<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
Twy Lighting <sup>5</sup>	Twy Lighting	Install MITL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
REIL	Both Rwy ends	Install REIL on Runway ends 12-30	\$ 40,000	\$ 6,000	\$ 46,000	\$ 41,000	\$ 2,000	\$ 3,000	
		<b>Sub-Total</b>	\$ 40,000	\$ 6,000	\$ 46,000	\$ 41,000	\$ 2,000	\$ 3,000	
		<b>Total</b>	\$ 106,000	\$ 110,000	\$6,361,000	\$5,725,000	\$ 214,000	\$ 422,000	

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup>NPI - 34:1 (Service line to home to relocate or go underground), <sup>2</sup>Acquire by Easement (also acquire Easement over the Public Road)

<sup>3</sup>Acquire by Easement (also acquire Easement over the Public Road), <sup>4</sup>CIP 2019, <sup>5</sup>CIP 2019

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport		Murdo Municipal						
Airport ID		8F6						
Airport Role		Small GA	Funding Levels					
City		Murdo	90.0%	3.5%	6.5%			
Short to Mid Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
2020	Hangar	Construct revenue producing hangar			\$ 638,000	\$ 574,000	\$ 22,000	\$ 41,000
2020	Land Acquisition	for approach protection for runway 14-32 extension			\$ 150,000	\$ 135,000	\$ 5,000	\$ 10,000
2023	Fence	Design & construct wildlife fence			\$ 778,000	\$ 700,000	\$ 27,000	\$ 51,000
2024	Fuel System*	Design & construct fuel system			\$ 556,000	\$ 500,000	\$ -	\$ 56,000
2025	Runway 14-32	Design & construct runway 14-32 rehab			\$ 833,000	\$ 750,000	\$ 29,000	\$ 54,000
2026	Access Road/Parking	Design & construct access road and GA parking lot rehab			\$ 278,000	\$ 250,000	\$ 10,000	\$ 18,000
2027	SRE & Building	SRE Equipment and Building			\$ 278,000	\$ 250,000	\$ 10,000	\$ 18,000
Sub-Total			\$ -	\$ -	\$ 3,510,000	\$ 3,159,000	\$ 103,000	\$ 248,000
Long-Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
Sub-Total			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020 SDSASP Recommendations								
Performance Measure	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Control RPZ (Primary Rwy)	Rwy 14 RPZ	Acquire interest in 5.6 Acres for RPZ	\$ 22,000	\$ 102,000	\$ 125,000	\$ 112,000	\$ 4,000	\$ 8,000
Control RPZ (Primary Rwy) <sup>1</sup>	Rwy 32 RPZ	Acquire interest in 0.1 Acres for RPZ	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-Total			\$ 22,000	\$ 102,000	\$ 125,000	\$ 112,000	\$ 4,000	\$ 8,000
Facility Service Target	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Terminal Building	Terminal Building	Construct 520 SF (public waiting, pilot area, and restroom)	\$ 98,000	\$ 16,000	\$ 114,000	\$ 103,000	\$ 4,000	\$ 7,000
Restroom <sup>2</sup>	Construct Restroom	Add 70 SF for restroom	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Pilot Area <sup>3</sup>	Construct Pilot Area	Add 150 SF for pilot briefing/rest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-Total			\$ 98,000	\$ 16,000	\$ 114,000	\$ 103,000	\$ 4,000	\$ 7,000
Total			\$ 120,000	\$ 118,000	\$ 3,749,000	\$ 3,374,000	\$ 112,000	\$ 263,000

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> Only highway. Acquire Easement over the Public Road.

<sup>2</sup> included in Terminal Building

<sup>3</sup> included in Terminal Building

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport	Onida Municipal							
Airport ID	98D							
Airport Role	Medium GA							
City	Onida							
						Funding Levels		
						90.0%	3.5%	6.5%
Short to Mid Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
2020	Runway 13-31	Design Runway Reconstructon w/ turnarounds; Wetland Delineation; Geotech			\$ 130,000	\$ 117,000	\$ 5,000	\$ 8,000
2022	Runway 13-31	Construct Runway Reconstruction w/ turnarounds			\$ 3,450,000	\$ 3,105,000	\$ 121,000	\$ 224,000
2023	AWOS	Acquire & install AWOS-III			\$ 250,000	\$ 225,000	\$ 9,000	\$ 16,000
2024	T Hangars*	Revenue producing T hangars			\$ 450,000	\$ 405,000	\$ -	\$ 45,000
2026	EA	for runway extension, 1,000'			\$ 125,000	\$ 113,000	\$ 4,000	\$ 8,000
2027	Runway 13-31	Design & construct for runway extension			\$ 3,000,000	\$ 2,700,000	\$ 105,000	\$ 195,000
2028	Parallel Taxiway	Parallel Taxiway			\$ 2,000,000	\$ 1,800,000	\$ 70,000	\$ 130,000
2029	Hangar Taxilane	Expansion			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000
2030	EA	for runway approach protection			\$ 100,000	\$ 90,000	\$ 4,000	\$ 7,000
<b>Sub-Total</b>			\$ -	\$ -	\$ 9,805,000	\$ 8,825,000	\$ 327,000	\$ 653,000
Long-Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
None								
<b>Sub-Total</b>			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020 SDSASP Recommendations								
Performance Measure	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Control RPZ (Non-Primary Rwy) <sup>1</sup>	Rwy 8 RPZ	Acquire 2.6 acres as easement for RPZ protection	\$ 10,000	\$ 101,000	\$ 111,000	\$ 100,000	\$ 4,000	\$ 7,000
Critical Aircraft <sup>2</sup>	Update Critical Aircraft	Update critical design aircraft from A-I (S)-5000 to B-II-5000 u	\$ 936,000	\$ 140,000	\$ 1,076,000	\$ 969,000	\$ 38,000	\$ 70,000
<b>Sub-Total</b>			\$ 946,000	\$ 241,000	\$ 1,188,000	\$ 1,069,000	\$ 42,000	\$ 77,000
Facility Service Target	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
ARC Level <sup>3</sup>	Rwy 13-31 RDC Increase	Runway 13-31 Increase RDC from A-I (S)-5000 to B-II-5000. Increase Pavement width 15', increase RPZ, expand RSA/OFA.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Primary Rwy Length	Lengthen Rwy 13-31	Increase length from 3,800' to 4,200' (5,000 SY)	\$ 628,000	\$ 125,000	\$ 753,000	\$ 678,000	\$ 26,000	\$ 49,000
Primary Rwy Width <sup>4</sup>	Widen Rwy 13-31	Widen current runway from 60' to 75' (6,300 SY)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Twy Lighting <sup>5</sup>	Twy Lighting	Replace LITL/reflectors with MITL	\$ 43,000	\$ 9,000	\$ 52,000	\$ 47,000	\$ 2,000	\$ 3,000
REIL	Both Rwy ends	Install REIL on Runway ends 13-31	\$ 40,000	\$ 6,000	\$ 46,000	\$ 41,000	\$ 2,000	\$ 3,000
Paved Entry	Pave Entry Road	Construct 2000 LF of 2 lane road and 1100 SY of parking	\$ 337,000	\$ 40,000	\$ 377,000	\$ 340,000	\$ 13,000	\$ 25,000
<b>Sub-Total</b>			\$1,048,000	\$ 180,000	\$ 1,229,000	\$ 1,106,000	\$ 43,000	\$ 80,000
<b>Total</b>			\$1,994,000	\$ 422,000	\$12,221,000	\$10,999,000	\$ 412,000	\$ 810,000

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> Acquire by Easement (also acquire Easement over the Public Road), <sup>2</sup> All land currently owned and no acquisition for expanded RPZ, RSA or OFA

<sup>3</sup> See Critical Aircraft, <sup>4</sup> See Critical Aircraft, <sup>5</sup> 600 LF of Twy

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport		Parkston Municipal				Funding Levels		
Airport ID		8V3				90.0%	3.5%	6.5%
Airport Role		Small GA						
City		Parkston						
Short to Mid Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
2020	T hangar*	Design & construct 4-unit t hangar			\$ 550,000	\$ 495,000	\$ -	\$ 55,000
2020	Pvmt Maintenance	Microsurface, possibly a multi-year project			\$ 50,000	\$ 45,000	\$ 2,000	\$ 3,000
2022	Hangar Taxilane	Design - Taxilane expansion; Fencing			\$ 50,000	\$ 45,000	\$ 2,000	\$ 3,000
2023	Hangar Taxilane	Construct - Taxilane expansion; Fencing			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000
2024	Runway 15-33	Design & construct rehab, overlay			\$ 660,000	\$ 594,000	\$ 23,000	\$ 43,000
2026	Parallel Taxiway	Design & construct parallel taxiway phase I			\$ 450,000	\$ 405,000	\$ 16,000	\$ 29,000
2027	Parallel Taxiway	Design & construct parallel taxiway phase II & III			\$ 900,000	\$ 810,000	\$ 32,000	\$ 59,000
2028	Pvmt Maintenance	Pavement maintenance			\$ 50,000	\$ 45,000	\$ 2,000	\$ 3,000
2029	T hangar*	Revenue producing t hangar expansion			\$ 300,000	\$ 270,000	\$ -	\$ 30,000
2030	AWOS	AWOS III or AWOS AV			\$ 200,000	\$ 180,000	\$ 7,000	\$ 13,000
Sub-Total			\$ -	\$ -	\$ 3,510,000	\$ 3,159,000	\$ 93,000	\$ 258,000
Long-Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
None								
Sub-Total			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020 SDSASP Recommendations								
Performance Measure	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Clear Part 77 (Primary Rwy) <sup>1</sup>	Rwy 15 Pole	5010: 49 ft. pole, 1240 ft. from runway, 200 ft. left of centerline, 21:1 slope to clear	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Control RPZ (Primary Rwy) <sup>2</sup>	Rwy 15 RPZ	Acquire interest in 1.9 acres for RPZ	\$ 8,000	\$ 101,000	\$ 108,000	\$ 98,000	\$ 4,000	\$ 7,000
Control RPZ (Primary Rwy) <sup>3</sup>	Rwy 33 RPZ	Acquire interest in .6 acres for RPZ	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Critical Aircraft <sup>4</sup>	Rwy 15-33 RDC Increase	Runway 15-33 increase RDC from A-I (S)-5000 to A-II (S)-5000. Increase pavement width 15' (+ 6,000 SY), replace MIRL, expand RSA (15,500 SY).	\$ 890,000	\$ 134,000	\$ 1,024,000	\$ 921,000	\$ 36,000	\$ 67,000
PCI 70+ (Primary Rwy) <sup>5</sup>	Rwy 15-33 Recon	Reconstruct runway to increase PCI from 30 to greater than 70. (24,000 SY)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-Total			\$ 898,000	\$ 234,000	\$ 1,132,000	\$ 1,019,000	\$ 40,000	\$ 74,000
Facility Service Target	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Hangars - Based <sup>5</sup>	Hangar Storage*	Construct 2 of 8 covered storage units	\$ 272,000	\$ 40,000	\$ 312,000	\$ 281,000	\$ -	\$ 31,000
Terminal Building	Terminal Building	Construct 450 SF (public waiting and pilot area)	\$ 84,000	\$ 14,000	\$ 98,000	\$ 88,000	\$ 3,000	\$ 6,000
Pilot Area <sup>6</sup>	Construct Pilot Area	Add 150 SF for pilot briefing/rest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-Total			\$ 356,000	\$ 54,000	\$ 410,000	\$ 369,000	\$ 3,000	\$ 38,000
Total			\$ 1,254,000	\$ 288,000	\$ 5,052,000	\$ 4,547,000	\$ 136,000	\$ 369,000

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\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> NPI - 34:1 (Transmission Lines in area and Light Poles in the Area; no objects penetrate the 20:1 Threshold Siting Surface) Recommend consider reviewing Airspace determination and lighting if necessary

<sup>2</sup> Acquire in Easement (also acquire Easement over the Public Road), <sup>3</sup> Only road. Acquire Easement over the Public Road, <sup>4</sup> No RPZ size changes, <sup>5</sup> CIP 2020, 2024 and 2028 to Rehab

<sup>6</sup> 4 Units in CIP 2020 & 2 Units in CIP 2029, <sup>7</sup> Included with Terminal Building

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport		Philip						Funding Levels		
Airport ID		PHP						90.0%	3.5%	6.5%
Airport Role		Small GA								
City		Philip								
Short to Mid Term CIP			Costs			Funding				
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local		
2022	Runway 12-30	Design reconstruction			\$ 278,000	\$ 250,000	\$ 10,000	\$ 18,000		
2023	Runway 12-30	Reconstruction			\$ 4,444,000	\$ 4,000,000	\$ 156,000	\$ 289,000		
2024 <sup>1</sup>	Fuel System*	Design & construct upgrades			\$ 167,000	\$ 150,000	\$ -	\$ 17,000		
2025	Apron/Taxiway/ Access Road	Design & Construct Apron, Taxiway Rehab, Pave Access Road			\$ 1,111,000	\$ 1,000,000	\$ 39,000	\$ 72,000		
2026	AMP & ALP	Master Plan & ALP update			\$ 333,000	\$ 300,000	\$ 12,000	\$ 22,000		
2027	Parallel Taxiway	Design & Construct Parallel Taxiway			\$ 1,667,000	\$ 1,500,000	\$ 58,000	\$ 108,000		
<b>Sub-Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ 8,000,000</b>	<b>\$ 7,200,000</b>	<b>\$ 274,000</b>	<b>\$ 526,000</b>		
Long-Term CIP			Costs			Funding				
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local		
None										
<b>Sub-Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>		
2020 SDSASP Recommendations										
Performance Measure	Project	Description/Scope	Costs			Funding				
			Const/Acq	Eng/Admin	Total	Fed	State	Local		
Clear Part 77 (Primary Rwy) <sup>2</sup>	Rwy 12 Pole	5010: 31 ft. power pole, 922 ft. from runway, 23:1 slope to clear	\$ 8,000	\$ 2,000	\$ 10,000	\$ 9,000	\$ -	\$ 1,000		
Control RPZ (Primary Rwy) <sup>3</sup>	Rwy 12 RPZ	Acquire interest in 0.1 acres for RPZ	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Critical Aircraft <sup>4</sup>	Rwy 12-30 RDC Increase	Runway 12-30 Increase RDC from A-I (S)-5000 to A-II (S)-5000. Expand RSA (16,800 SY).	\$ 34,000	\$ 5,000	\$ 39,000	\$ 35,000	\$ 1,000	\$ 3,000		
Fuel Availability	Jet A Fuel System*	Construct Jet A fuel system	\$ 250,000	\$ 50,000	\$ 300,000	\$ 270,000	\$ -	\$ 30,000		
<b>Sub-Total</b>			<b>\$ 292,000</b>	<b>\$ 57,000</b>	<b>\$ 348,000</b>	<b>\$ 313,000</b>	<b>\$ 2,000</b>	<b>\$ 33,000</b>		
Facility Service Target	Project	Description/Scope	Costs			Funding				
			Const/Acq	Eng/Admin	Total	Fed	State	Local		
Terminal Building	Terminal Building	Construct 450 SF (public waiting and pilot area)	\$ 84,000	\$ 14,000	\$ 98,000	\$ 88,000	\$ 3,000	\$ 6,000		
<b>Sub-Total</b>			<b>\$ 84,000</b>	<b>\$ 14,000</b>	<b>\$ 98,000</b>	<b>\$ 88,000</b>	<b>\$ 3,000</b>	<b>\$ 6,000</b>		
<b>Total</b>			<b>\$ 376,000</b>	<b>\$ 71,000</b>	<b>\$ 8,446,000</b>	<b>\$ 7,602,000</b>	<b>\$ 279,000</b>	<b>\$ 565,000</b>		

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\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> Upgrade is for 100LL system

<sup>2</sup> NPI - 34:1 (Underground Single Phase Distribution for 800 feet @ 10/LF)

<sup>3</sup> Only highway. Acquire Easement over the Public Road.

<sup>4</sup> No RPZ change or buildings to relocate. Existing pavement width is 75'

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport	Pierre Regional							
Airport ID	PIR							
Airport Role	Commercial Service							
City	Pierre							
						Funding Levels		
						90.0%	3.5%	6.5%
Short to Mid Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
2020	Runway rehabilitation	Design Runway 7-25 rehabilitation			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000
2021	Runway rehabilitation	Runway 7-25 rehabilitation			\$ 7,000,000	\$ 6,300,000	\$ 245,000	\$ 455,000
2022	Twy C/ Rwy 13-31/ Twy A	Design Twy C Reconstruction; Rwy 13-31, Twy A Surface Treatment			\$ 105,000	\$ 95,000	\$ 4,000	\$ 7,000
2022	ARFF Truck	Procurement services			\$ 15,000	\$ 14,000	\$ 1,000	\$ 1,000
2023	Twy C/ Rwy 13-31/ Twy A	Construct Twy C Reconstruction; Rwy 13-31, Twy A Surface Treatment			\$ 1,900,000	\$ 1,710,000	\$ 67,000	\$ 124,000
2023	ARFF Truck	Procurement			\$ 750,000	\$ 675,000	\$ 26,000	\$ 49,000
2024	SRE Apron/State Hangar Apron	Design- State Hangar Apron & SRE Apron			\$ 75,000	\$ 68,000	\$ 3,000	\$ 5,000
2024	Access Road	Construct Spray access road			\$ 250,000	\$ 225,000	\$ 9,000	\$ 16,000
2025	SRE Apron/State Hangar Apron	Construct - SRE Apron mill and overlay; State Hangar Apron Recon			\$ 550,000	\$ 495,000	\$ 19,000	\$ 36,000
2026	GA Area	Phase 2 GA area			\$ 500,000	\$ 450,000	\$ 18,000	\$ 33,000
2027	Parallel Taxiway	Parallel taxiway for Runway 25			\$ 3,000,000	\$ 2,700,000	\$ 105,000	\$ 195,000
2028	Pavement	Pavement rehabilitation			\$ 2,000,000	\$ 1,800,000	\$ 70,000	\$ 130,000
2029	State Hangar Apron	Apron reconstruction north of state hangar			\$ 3,000,000	\$ 2,700,000	\$ 105,000	\$ 195,000
2030	Runway recon	Runway 13-31 reconstruction			\$15,000,000	\$13,500,000	\$ 525,000	\$ 975,000
<b>Sub-Total</b>			\$ -	\$ -	<b>\$34,445,000</b>	<b>\$31,001,000</b>	<b>\$1,206,000</b>	<b>\$2,239,000</b>
Long-Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
None								
<b>Sub-Total</b>			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020 SDSASP Recommendations								
Performance Measure	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Control RPZ (Primary Rwy)	Rwy 13 RPZ	Acquire 6.92 acres in fee for RPZ protection	\$ 83,000	\$ 108,000	\$ 191,000	\$ 172,000	\$ 7,000	\$ 12,000
PCI 70+ (Non-Primary Rwy) <sup>1</sup>	Rwy 7-25 Rehab	Runway 7-25 rehab. (115,000 SY)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Sub-Total</b>			<b>\$ 83,000</b>	<b>\$ 108,000</b>	<b>\$ 191,000</b>	<b>\$ 172,000</b>	<b>\$ 7,000</b>	<b>\$ 12,000</b>
Facility Service Target	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Hangars - Based	Hangar Storage*	Construct 4 covered storage units	\$ 544,000	\$ 120,000	\$ 664,000	\$ 598,000	\$ -	\$ 66,000
<b>Sub-Total</b>			<b>\$ 544,000</b>	<b>\$ 120,000</b>	<b>\$ 664,000</b>	<b>\$ 598,000</b>	<b>\$ -</b>	<b>\$ 66,000</b>
<b>Total</b>			<b>\$ 627,000</b>	<b>\$ 228,000</b>	<b>\$35,300,000</b>	<b>\$31,770,000</b>	<b>\$1,212,000</b>	<b>\$2,318,000</b>

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\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> CIP 2021 (Increase PCI from 61 to >70)

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Pine Ridge						Funding Levels		
<b>Airport ID</b>	IEN						90.0%	3.5%	6.5%
<b>Airport Role</b>	Small GA								
<b>City</b>	Pine Ridge								
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2021	SRE	Acquire tractor w/ attachments			\$ 356,000	\$ 320,000	\$ 12,000	\$ 23,000	
2022	Hangar	Design expansion			\$ 50,000	\$ 45,000	\$ 2,000	\$ 3,000	
2023	Hangar	Construct expansion			\$ 600,000	\$ 540,000	\$ 21,000	\$ 39,000	
2024	Fuel System*	Design & construct fueling station			\$ 1,000,000	\$ 900,000	\$ -	\$ 100,000	
2025	Runway 12-30	Rehab			\$ 750,000	\$ 675,000	\$ 26,000	\$ 49,000	
		<b>Sub-Total</b>	\$ -	\$ -	<b>\$2,756,000</b>	<b>\$2,480,000</b>	<b>\$ 61,000</b>	<b>\$ 214,000</b>	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Clear Part 77 (Primary Rwy) <sup>1</sup>	Rwy 12 Powerline	5010: 29 ft. powerline, 841 ft. from runway, 22:1 slope to clear	\$ 12,000	\$ 2,000	\$ 14,000	\$ 13,000	\$ 1,000	\$ 1,000	
Clear Part 77 (Primary Rwy) <sup>2</sup>	Rwy 30 Fence	5010: 3 ft. fence, 300 ft. from runway, 33:1 slope to clear.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	<b>\$ 12,000</b>	<b>\$ 2,000</b>	<b>\$ 14,000</b>	<b>\$ 13,000</b>	<b>\$ 1,000</b>	<b>\$ 1,000</b>	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Terminal Building	Terminal Building	Construct 520 SF (public waiting, pilot area, and restroom)	\$ 98,000	\$ 16,000	\$ 114,000	\$ 103,000	\$ 4,000	\$ 7,000	
Restroom <sup>3</sup>	Construct Restroom	Add 70 SF for restroom	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Pilot Area <sup>4</sup>	Construct Pilot Area	Add 150 SF for pilot briefing/rest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	<b>\$ 98,000</b>	<b>\$ 16,000</b>	<b>\$ 114,000</b>	<b>\$ 103,000</b>	<b>\$ 4,000</b>	<b>\$ 7,000</b>	
		<b>Total</b>	<b>\$ 110,000</b>	<b>\$ 18,000</b>	<b>\$2,884,000</b>	<b>\$2,596,000</b>	<b>\$ 66,000</b>	<b>\$ 222,000</b>	

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\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup>NPI - 34:1 (Underground Single Phase Distribution for 1200 feet @ 10/LF)

<sup>2</sup>NPI - 34:1 (20:1 Threshold Siting Surface is Cleared) Recommend no mitigation since not cost effective to lower {Also review whether 3' is accurate as IEN has Wildlife Fence}

<sup>3</sup>included in Terminal Building

<sup>4</sup>included in Terminal Building

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport		Platte Municipal				Funding Levels		
Airport ID		1D3				90.0%	3.5%	6.5%
Airport Role		Small GA						
City		Platte						
Short to Mid Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
2020	Hangar*/Terminal	Revenue Producing Hangar/ GA terminal			\$ 575,000	\$ 518,000	\$ 20,000	\$ 37,000
2021	Pvmt Maintenance	PM crack seal, seal coat on apron			\$ 50,000	\$ 45,000	\$ 2,000	\$ 3,000
2022	Fence	Perimeter fence and gates			\$ 250,000	\$ 225,000	\$ 9,000	\$ 16,000
2024	Taxilane	Hangar Taxilane Expansion			\$ 400,000	\$ 360,000	\$ 14,000	\$ 26,000
2026	Approach Survey	Approach Survey			\$ 150,000	\$ 135,000	\$ 5,000	\$ 10,000
2027	AWOS	AWOS III or AV			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000
2028	Fuel System Upgrade*	Revenue Producing Fuel System Upgrades			\$ 250,000	\$ 225,000	\$ -	\$ 25,000
2029	Partial Parallel Twy	Partial Parallel Taxiway with Turnaround			\$ 2,500,000	\$ 2,250,000	\$ 88,000	\$ 163,000
2030	Crosswind Runway	EA for crosswind runway			\$ 75,000	\$ 68,000	\$ 3,000	\$ 5,000
		<b>Sub-Total</b>	\$ -	\$ -	\$ 4,550,000	\$ 4,095,000	\$ 151,000	\$ 305,000
Long-Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020 SDSASP Recommendations								
Performance Measure	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Control RPZ (Primary Rwy)	Rwy 32 RPZ	Acquire interest in 2 acres for RPZ	\$ 8,000	\$ 101,000	\$ 109,000	\$ 98,000	\$ 4,000	\$ 7,000
		<b>Sub-Total</b>	\$ 8,000	\$ 101,000	\$ 109,000	\$ 98,000	\$ 4,000	\$ 7,000
Facility Service Target	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Hangars - Based	Hangar Storage*	Construct 10 covered storage units	\$ 1,088,000	\$ 200,000	\$ 1,288,000	\$ 1,159,000	\$ -	\$ 129,000
		<b>Sub-Total</b>	\$ 1,088,000	\$ 200,000	\$ 1,288,000	\$ 1,159,000	\$ -	\$ 129,000
		<b>Total</b>	\$ 1,096,000	\$ 301,000	\$ 5,947,000	\$ 5,352,000	\$ 154,000	\$ 440,000

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\* Revenue Producing Facilities are not currently eligible for State funding



**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport		Rapid City Regional					Funding Levels		
Airport ID		RAP					90.0%	3.5%	6.5%
Airport Role		Commercial Service							
City		Rapid City							
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2020	Marking & Signs	Relocation & rehab of hold lines & associated signage			\$ 600,000	\$ 540,000	\$ 21,000	\$ 39,000	
2020	GA Apron	Redevelopment design/construction			\$ 2,260,000	\$ 2,034,000	\$ 79,000	\$ 147,000	
2020	RTR road	Rehabilitation			\$ 1,000,000	\$ 900,000	\$ 35,000	\$ 65,000	
2020	GA access road	Construct new GA access road			\$ 1,035,000	\$ 932,000	\$ 36,000	\$ 67,000	
2020	SRE	blower/sweeper			\$ 1,000,000	\$ 900,000	\$ 35,000	\$ 65,000	
2021	Terminal Rehab	Phase 3 (sewage lagoon) design & construction and queuing			\$ 2,570,000	\$ 2,313,000	\$ 90,000	\$ 167,000	
2021	Boarding	Passenger boarding bridge			\$ 2,010,000	\$ 1,809,000	\$ 70,000	\$ 131,000	
2021	Terminal Building	Ticket counters & bag makeup area			\$ 6,500,000	\$ 5,850,000	\$ 228,000	\$ 423,000	
2022	SRE Building	replace SRE building			\$ 6,510,000	\$ 5,859,000	\$ 228,000	\$ 423,000	
<b>Sub-Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ 23,485,000</b>	<b>\$ 21,137,000</b>	<b>\$ 822,000</b>	<b>\$ 1,527,000</b>	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
<b>Sub-Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Clear Part 77 (Primary Rwy) <sup>1</sup>	Rwy 14 Fence	5010: 25 ft. fence, 1000 ft. from runway, 435 ft. left of centerline, 32:1 slope to clear.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Clear Part 77 (Non-Primary Rwy) <sup>2</sup>	Rwy 23 Road	5010: 15 ft. road, 628 ft. from runway, 435 ft. on centerline, 28:1 slope to clear.	\$ 1,200,000	\$ 240,000	\$ 1,440,000	\$ 1,296,000	\$ 50,000	\$ 94,000	
Control RPZ (Non-Primary Rwy) <sup>3</sup>	Rwy 23 RPZ	Acquire 3 acres as easement for RPZ protection	\$ 36,000	\$ 104,000	\$ 140,000	\$ 126,000	\$ 5,000	\$ 9,000	
<b>Sub-Total</b>			<b>\$ 1,236,000</b>	<b>\$ 344,000</b>	<b>\$ 1,580,000</b>	<b>\$ 1,422,000</b>	<b>\$ 55,000</b>	<b>\$ 103,000</b>	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Hangars - Based	Hangar Storage*	Construct 6 covered storage units	\$ 816,000	\$ 120,000	\$ 936,000	\$ 842,000	\$ -	\$ 94,000	
<b>Sub-Total</b>			<b>\$ 816,000</b>	<b>\$ 120,000</b>	<b>\$ 936,000</b>	<b>\$ 842,000</b>	<b>\$ -</b>	<b>\$ 94,000</b>	
<b>Total</b>			<b>\$ 2,052,000</b>	<b>\$ 464,000</b>	<b>\$ 26,001,000</b>	<b>\$ 23,401,000</b>	<b>\$ 877,000</b>	<b>\$ 1,723,000</b>	

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<sup>1</sup> NPI - 34:1 (fence atop hill just at 34:1 slope) [250k CY at \$10/CY + Fencing] Recommend that surface is below 20:1 Threshold Siting Surface and other mitigation is not cost effective

<sup>2</sup> NPI - 34:1 (relocate 2,400 LF of two lane road outside RPZ)

<sup>3</sup> Easement Only

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport	Redfield Municipal					Funding Levels		
Airport ID	1D8					90.0%	3.5%	6.5%
Airport Role	Small GA							
City	Redfield							
Short to Mid Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
2020	Fence	Design & construct wildlife fence			\$ 615,000	\$ 554,000	\$ 22,000	\$ 40,000
2021	AWOS	AWOS III or AWOS AV			\$ 278,000	\$ 250,000	\$ 10,000	\$ 18,000
2022	Ag Area/Access Road	Design for Ag operations area and Access Road			\$ 50,000	\$ 45,000	\$ 2,000	\$ 3,000
2023	Ag Area/Access Road	Construct Ag operations area and Access Road			\$ 600,000	\$ 540,000	\$ 21,000	\$ 39,000
2024	Crosswind Runway	Design & construct turf crosswind			\$ 450,000	\$ 405,000	\$ 16,000	\$ 29,000
2026	Parallel Taxiway	Design & construct phase I			\$ 1,000,000	\$ 900,000	\$ 35,000	\$ 65,000
2027	Parallel Taxiway	Design & construct phase II			\$ 1,000,000	\$ 900,000	\$ 35,000	\$ 65,000
2028	Apron	Design & construct Apron and Taxiway Reconstruction			\$ 750,000	\$ 675,000	\$ 26,000	\$ 49,000
2029	Ag Taxiway	Design & construct Ag spray taxiway			\$ 600,000	\$ 540,000	\$ 21,000	\$ 39,000
2030	Apron/Taxiway	Design & construct expansion			\$ 600,000	\$ 540,000	\$ 21,000	\$ 39,000
		<b>Sub-Total</b>	\$ -	\$ -	\$ 5,943,000	\$ 5,348,000	\$ 208,000	\$ 386,000
Long-Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
None								
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020 SDSASP Recommendations								
Performance Measure	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Certified WX <sup>1</sup>	Install AWOS	AWOS III	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facility Service Target	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
None								
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		<b>Total</b>	\$ -	\$ -	\$ 5,943,000	\$ 5,348,000	\$ 208,000	\$ 386,000

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\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup>CIP 2021

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Rosebud Sioux Tribal							
<b>Airport ID</b>	SUO							
<b>Airport Role</b>	Medium GA					Funding Levels		
<b>City</b>	Rosebud					90.0%	3.5%	6.5%
Short to Mid Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
2020	AMP & ALP	Master plan/ALP update w/ aeronautical survey			\$ 250,000	\$ 225,000	\$ 9,000	\$ 16,000
2021	AWOS	Design & construct AWOS AV			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000
2021	Fuel System	Design & construct revenue producing fuel system			\$ 300,000	\$ 270,000	\$ -	\$ 30,000
2022	Hangar Taxilane/ Access Road	Design & construct hangar Txln expansion/ Access Road			\$ 350,000	\$ 315,000	\$ 12,000	\$ 23,000
2023	Hangar*	Design revenue producing hangar			\$ 60,000	\$ 54,000	\$ -	\$ 6,000
2024	Hangar*	Construct revenue producing hangar			\$ 400,000	\$ 360,000	\$ -	\$ 40,000
2026	Wildlife Mitigation	Wildlife mitigation			\$ 200,000	\$ 180,000	\$ 7,000	\$ 13,000
2027	Apron	Expansion			\$ 350,000	\$ 315,000	\$ 12,000	\$ 23,000
2028	Pavement Rehab	Pavement rehabilitation			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000
2029	Parallel Taxiway	Parallel taxiway			\$2,000,000	\$1,800,000	\$ 70,000	\$ 130,000
		<b>Sub-Total</b>	\$ -	\$ -	<b>\$4,510,000</b>	<b>\$4,059,000</b>	<b>\$ 131,000</b>	<b>\$ 320,000</b>
Long-Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
None								
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020 SDSASP Recommendations								
Performance Measure	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Clear Part 77 (Primary Rwy) <sup>1</sup>	Rwy 34 Hill	5010: hill 400 ft. from runway, 20:1 slope to clear	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Certified WX <sup>2</sup>	Install AWOS	AWOS AV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facility Service Target	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
REIL	Both Rwy ends	Install REIL on Runway ends 16-34	\$ 40,000	\$ 6,000	\$ 46,000	\$ 41,000	\$ 2,000	\$ 3,000
Crosswind Rwy <sup>3</sup>	Crosswind Rwy	2,900'x100' Turf (12-30), grading, cones, 30.2 acres Runway and RPZs	\$ 282,000	\$ 142,000	\$ 424,000	\$ 382,000	\$ 15,000	\$ 28,000
Weather Reporting <sup>4</sup>	Install AWOS	AWOS AV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Paved Entry	Pave Entry Road	Construct 4700 LF of 2 lane road and 1200 SY of parking	\$ 656,000	\$ 79,000	\$ 735,000	\$ 661,000	\$ 26,000	\$ 48,000
		<b>Sub-Total</b>	<b>\$ 978,000</b>	<b>\$ 227,000</b>	<b>\$1,205,000</b>	<b>\$1,084,000</b>	<b>\$ 42,000</b>	<b>\$ 78,000</b>
		<b>Total</b>	<b>\$ 978,000</b>	<b>\$ 227,000</b>	<b>\$5,715,000</b>	<b>\$5,143,000</b>	<b>\$ 173,000</b>	<b>\$ 398,000</b>

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<sup>1</sup>NPI - 34:1 (Google Earth appears to show hill has been removed; 2009 ALP shows Hill), <sup>2</sup>CIP 2021, <sup>3</sup>12-30 Alignment near south of Property, <sup>4</sup>CIP 2021

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Sioux Falls Regional/Joe Foss Field							
<b>Airport ID</b>	FSD							
<b>Airport Role</b>	Commercial Service							
<b>City</b>	Sioux Falls							
						Funding Levels		
						90.0%	3.5%	6.5%
Short to Mid Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
2020	Runway 3-21 Recon	Phase 3 reconstruction runway & rwy 3 holding bay			\$ 10,645,000	\$ 9,580,000	\$ 373,000	\$ 692,000
2020	Apron Rehab	Repair Concrete - east/west cargo/terminal ramp			\$ 750,000	\$ 675,000	\$ 26,000	\$ 49,000
2020	Taxiway B Rehab	Taxiway B and B5 to alpha			\$ 1,200,000	\$ 1,080,000	\$ 42,000	\$ 78,000
2021	East GA area	Design -taxiway D & F, Remove E			\$ 250,000	\$ 225,000	\$ 9,000	\$ 16,000
2021	Pavement Rehab	Design - Rehab Taxi A&M, Rwy 15-33, A (33 to A2)			\$ 150,000	\$ 135,000	\$ 5,000	\$ 10,000
2022	Pavement Rehab	Construct - Rehab Taxi A&M, Rwy 15-33, A (33 to A2)			\$ 1,830,000	\$ 1,647,000	\$ 64,000	\$ 119,000
2021	Air Cargo Study	Master plan study/update			\$ 600,000	\$ 540,000	\$ 21,000	\$ 39,000
2021	SRE	purchase sander & blower			\$ 1,100,000	\$ 990,000	\$ 39,000	\$ 72,000
2022	East GA area	Construct -taxiway D & F, Remove E			\$ 2,000,000	\$ 1,800,000	\$ 70,000	\$ 130,000
2022	E cargo apron	Design - Expand Apron South			\$ 250,000	\$ 225,000	\$ 9,000	\$ 16,000
2022	Taxiway Rehab	Rehab A5 to 3-21			\$ 600,000	\$ 540,000	\$ 21,000	\$ 39,000
2023	E cargo apron	Construct - Expand Apron South			\$ 4,000,000	\$ 3,600,000	\$ 140,000	\$ 260,000
2023	Rwy 3 holding bay	design			\$ 200,000	\$ 180,000	\$ 7,000	\$ 13,000
<b>Sub-Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ 23,575,000</b>	<b>\$ 21,217,000</b>	<b>\$ 825,000</b>	<b>\$ 1,532,000</b>
Long-Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
None								
<b>Sub-Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
2020 SDSASP Recommendations								
Performance Measure	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Clear Part 77 (Non-Primary Rwy) <sup>1</sup>	Rwy 21 Railroad	Railroad penetrates at 35:1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Clear Part 77 (Non-Primary Rwy) <sup>2</sup>	Rwy 9 Tree	Tree penetrates the 34:1 Part 77	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Clear Part 77 (Non-Primary Rwy) <sup>3</sup>	Rwy 27 Pole	Pole penetrates the 34:1 Part 77	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Control RPZ (Primary Rwy) <sup>4</sup>	Rwy 33 RPZ	Acquire 11.8 acres as easement for RPZ protection (Public Roads are in addition to 11.8 acres noted)	\$ 142,000	\$ 114,000	\$ 256,000	\$ 230,000	\$ 9,000	\$ 17,000
<b>Sub-Total</b>			<b>\$ 142,000</b>	<b>\$ 114,000</b>	<b>\$ 256,000</b>	<b>\$ 230,000</b>	<b>\$ 9,000</b>	<b>\$ 17,000</b>
Facility Service Target	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
None								
<b>Sub-Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Total</b>			<b>\$ 142,000</b>	<b>\$ 114,000</b>	<b>\$ 23,831,000</b>	<b>\$ 21,447,000</b>	<b>\$ 834,000</b>	<b>\$ 1,549,000</b>

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<sup>1</sup>PI - 50:1 (Not Feasible to relocate Rail) Obstruction is below 20:1 Threshold Siting surface and mitigation is not cost effective, <sup>2</sup>NPI - 34:1 (Rwy will be Removed)

<sup>3</sup>NPI - 34:1 (Rwy will be Removed), <sup>4</sup>Acquire by Easement (also acquire Easement over the Public Road)

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport		Sisseton Municipal			Funding Levels			
Airport ID		8D3			90.0%	3.5%	6.5%	
Airport Role		Small GA						
City		Sisseton						
Short to Mid Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
2022	Parking Lot	Pave Parking Lot			\$ 150,000	\$ 135,000	\$ 5,000	\$ 10,000
2023	Hangar Taxilane	Expand Hangar Taxilane			\$ 400,000	\$ 360,000	\$ 14,000	\$ 26,000
2024	AWOS	AWOS III or AWOS AV			\$ 250,000	\$ 225,000	\$ 9,000	\$ 16,000
2026	Apron/Taxilane	Reconstruct & expand Apron and taxilanes			\$ 850,000	\$ 765,000	\$ 30,000	\$ 55,000
2027	Fuel System*	Design & construct upgrades Jet A			\$ 200,000	\$ 180,000	\$ -	\$ 20,000
2028	Hangar*	Design & construct revenue producing hangar			\$ 550,000	\$ 495,000	\$ -	\$ 55,000
2029	Fence	Design & construct wildlife fence			\$ 450,000	\$ 405,000	\$ 16,000	\$ 29,000
2030	Crosswind Runway	Regrade turf crosswind			\$ 200,000	\$ 180,000	\$ 7,000	\$ 13,000
<b>Sub-Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,050,000</b>	<b>\$ 2,745,000</b>	<b>\$ 81,000</b>	<b>\$ 225,000</b>
Long-Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
None								
<b>Sub-Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
2020 SDSASP Recommendations								
Performance Measure	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Clear Part 77 (Primary Rwy) <sup>1</sup>	Rwy 16 Road	5010: 12 ft. road, 500 ft. from runway, 25:1 slope to clear	\$ 350,000	\$ 70,000	\$ 420,000	\$ 378,000	\$ 15,000	\$ 27,000
Clear Part 77 (Primary Rwy) <sup>2</sup>	Rwy 34 Fence	5010: 4 ft. fence, 285 ft. from runway, 21:1 slope to clear	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Control RPZ (Non-Primary Rwy)	Rwy 4 RPZ	Acquire easement in 4.5 acres of RPZ	\$ 18,000	\$ -	\$ 18,000	\$ 16,000	\$ 1,000	\$ 1,000
Control RPZ (Non-Primary Rwy)	Rwy 22 RPZ	Acquire easement in 4.5 acres of RPZ	\$ 18,000	\$ 104,000	\$ 122,000	\$ 109,000	\$ 4,000	\$ 8,000
Critical Aircraft <sup>3</sup>	Rwy 16-34 Increase RDC	Runway 16-34 Increase RDC from A-I (S)-5000 to A-II (S)-5000. Increase Pavement width 15' with full Reconstruction (30,000 SY), replace MIRL, expand RSA (14,800 SY), relocate Aerial Applicator Hangar and Storage Hangar.	\$ 4,482,000	\$ 672,000	\$ 5,155,000	\$ 4,639,000	\$ 180,000	\$ 335,000
PCI 70+ (Primary Rwy) <sup>4</sup>	Rwy 16-34 Recon	Reconstruct Runway 16-34 to increase PCI from 23 to greater than 70. (22,600 SY)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Certified WX <sup>5</sup>	Install AWOS	AWOS AV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Sub-Total</b>			<b>\$ 4,868,000</b>	<b>\$ 846,000</b>	<b>\$ 5,714,000</b>	<b>\$ 5,143,000</b>	<b>\$ 200,000</b>	<b>\$ 371,000</b>
Facility Service Target	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
None								
<b>Sub-Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Total</b>			<b>\$ 4,868,000</b>	<b>\$ 846,000</b>	<b>\$ 8,764,000</b>	<b>\$ 7,888,000</b>	<b>\$ 281,000</b>	<b>\$ 596,000</b>

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\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> NPI - 34:1 (Realign 2 Lane Gravel, 2,100 LF outside RPZ), <sup>2</sup> NPI - 34:1 (may require land Acquisition and be a part of Higher ARC project)

<sup>3</sup> Relocate Aerial Applicator Hangar (6,000 SF), Load Pad, and Storage Hangar (2 Units), <sup>4</sup> Included in Higher ARC, <sup>5</sup> CIP 2024

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport		Black Hills-Clyde Ice Field								
Airport ID		SPF								
Airport Role		Large GA						Funding Levels		
City		Spearfish						90.0%	3.5%	6.5%
Short to Mid Term CIP			Costs			Funding				
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local		
2020	EA	Runway 5-23 EA			\$ 167,000	\$ 150,000	\$ 6,000	\$ 11,000		
2020	Fence	Design wildlife perimeter fence			\$ 83,000	\$ 75,000	\$ 3,000	\$ 5,000		
2021	Fence	construct perimeter fence-wildlife hazard management (phase 1)			\$ 667,000	\$ 600,000	\$ 23,000	\$ 43,000		
2021	Land Acquisition	For runway 5-23			\$ 1,556,000	\$ 1,400,000	\$ 54,000	\$ 101,000		
2021	Runway 5-23	Design of runway 5-23 and building relocation			\$ 333,000	\$ 300,000	\$ 12,000	\$ 22,000		
2022	Runway 5-23	Construct runway and building relocation			\$ 9,444,000	\$ 8,500,000	\$ 331,000	\$ 614,000		
2023	T-hangar*	Design & construction of 2 10 Unit t-hangars & taxiways			\$ 2,222,000	\$ 2,000,000	\$ -	\$ 222,000		
2024	Fence	Design & construct perimeter wildlife fence			\$ 1,333,000	\$ 1,200,000	\$ 47,000	\$ 87,000		
2025	Taxilane	Design & Const - Large Aircraft Txln and Hangar Development Area			\$ 694,000	\$ 625,000	\$ 24,000	\$ 45,000		
2026	Apron	Design & Construction of Large Aircraft Apron Expansion			\$ 2,222,000	\$ 2,000,000	\$ 78,000	\$ 144,000		
2027	Hangar*	Design & Construction of T-Hangar Buildings and Twys			\$ 2,222,000	\$ 2,000,000	\$ -	\$ 222,000		
2028	Pavement Rehab	Design & construct pavement rehab			\$ 1,111,000	\$ 1,000,000	\$ 39,000	\$ 72,000		
2029	SRE Building	Design & construct SRE building			\$ 833,000	\$ 750,000	\$ 29,000	\$ 54,000		
<b>Sub-Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ 22,889,000</b>	<b>\$ 20,600,000</b>	<b>\$ 646,000</b>	<b>\$ 1,643,000</b>		
Long-Term CIP			Costs			Funding				
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local		
None										
<b>Sub-Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>		
2020 SDSASP Recommendations										
Performance Measure			Costs			Funding				
Performance Measure	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local		
Clear Part 77 (Primary Rwy) <sup>1</sup>	Rwy 13 Hill	5010: 98 ft. hill, 2160 ft. from runway, 380 ft. Left of centerline, 20:1 slope to clear	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Clear Part 77 (Primary Rwy) <sup>2</sup>	Rwy 31 Interstate	5010: None Recorded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Control RPZ (Primary Rwy) <sup>3</sup>	Rwy 31 RPZ	Acquire 17.4 acres for RPZ protection	\$ 104,000	\$ 110,000	\$ 215,000	\$ 193,000	\$ 8,000	\$ 14,000		
Control RPZ (Non-Primary Rwy) <sup>4</sup>	Rwy 04 RPZ	Acquire 4.4 acres for RPZ protection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Control RPZ (Non-Primary Rwy)	Rwy 08 RPZ	Acquire 6.5 acres for RPZ protection	\$ 39,000	\$ 104,000	\$ 143,000	\$ 129,000	\$ 5,000	\$ 9,000		
Control RPZ (Non-Primary Rwy) <sup>5</sup>	Rwy 22 RPZ	Acquire 7.3 acres for RPZ protection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
<b>Sub-Total</b>			<b>\$ 143,000</b>	<b>\$ 214,000</b>	<b>\$ 358,000</b>	<b>\$ 322,000</b>	<b>\$ 13,000</b>	<b>\$ 23,000</b>		
Facility Service Target			Costs			Funding				
Facility Service Target	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local		
ARC Level <sup>6</sup>	Rwy 13-31 RDC Increase	Runway 13-31 Increase RDC from B-II to C-I. Widen Runway 25' (17,800 SY), replace MIRL, expand RSA (extend Box Culvert 200'), relocate 9 hangar units, RPZ Analysis for 13 End	\$ 4,965,000	\$ 785,000	\$ 5,750,000	\$ 5,175,000	\$ 201,000	\$ 374,000		
Primary Rwy Width <sup>7</sup>	Widen Rwy 13-31	Widen current runway from 75' to 100' (+16,200 SY)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
REIL	Both Rwy ends	Install REIL on Runway ends 13-31	\$ 40,000	\$ 6,000	\$ 46,000	\$ 41,000	\$ 2,000	\$ 3,000		
Hangars - Based <sup>8</sup>	Hangar Storage*	Construct 5 covered storage units	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
<b>Sub-Total</b>			<b>\$ 5,005,000</b>	<b>\$ 791,000</b>	<b>\$ 5,796,000</b>	<b>\$ 5,216,000</b>	<b>\$ 203,000</b>	<b>\$ 377,000</b>		
<b>Total</b>			<b>\$ 5,148,000</b>	<b>\$ 1,005,000</b>	<b>\$ 29,042,000</b>	<b>\$ 26,138,000</b>	<b>\$ 861,000</b>	<b>\$ 2,043,000</b>		

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> NPI - 34:1 No Obstruction Found on ALP or Google Earth, <sup>2</sup> NPI - 34:1 Approach was changed from 3/4 to 1 mile and this may have caused obstruction to be removed from 5010

<sup>3</sup> Acquire by Easement (also acquire Easement over Public Road which is Interstate) <sup>4</sup> Rwy planned for Closure <sup>5</sup> Rwy planned for Closure

<sup>6</sup> Box Culvert and Creek realignment, <sup>7</sup> See ARC, <sup>8</sup> 20 Units scheduled in CIP 2023

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Springfield Municipal						Funding Levels 90.0%    3.5%    6.5%		
<b>Airport ID</b>	YO3								
<b>Airport Role</b>	Small GA								
<b>City</b>	Springfield								
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2020	Runway 15-33	Geotech/engineering study for Rwy reconstruction			\$ 40,000	\$ 36,000	\$ 1,000	\$ 3,000	
2022	Runway 15-33	Design - Runway/Apron Reconstruction			\$ 200,000	\$ 180,000	\$ 7,000	\$ 13,000	
2023	Runway 15-33	Construct - Runway/Apron Reconstruction; PAPI/Beacon			\$ 2,000,000	\$ 1,800,000	\$ 70,000	\$ 130,000	
2025	Hangar*	Revenue producing hangar			\$ 450,000	\$ 405,000	\$ -	\$ 45,000	
2027	ALP	Update & obstruction survey for GPS approach			\$ 100,000	\$ 90,000	\$ 4,000	\$ 7,000	
2027	AWOS	AWOS AV			\$ 125,000	\$ 113,000	\$ 4,000	\$ 8,000	
2029	Fuel System*	Upgrade			\$ 400,000	\$ 360,000	\$ -	\$ 40,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$ 3,315,000	\$ 2,984,000	\$ 86,000	\$ 245,000	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2031	Parking Lot	Public parking improvements			\$ 100,000	\$ 90,000	\$ 4,000	\$ 7,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$ 100,000	\$ 90,000	\$ 4,000	\$ 7,000	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Control RPZ (Primary Rwy) <sup>1</sup>	Rwy 33 RPZ	Acquire interest in 0.8 acres for RPZ	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Control RPZ (Non-Primary Rwy) <sup>2</sup>	Rwy 1 RPZ	Acquire interest in 0.3 acres for RPZ	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Hangars - Based <sup>3</sup>	Hangar Storage*	Construct 3 covered storage units	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Total</b>	\$ -	\$ -	\$ 3,415,000	\$ 3,074,000	\$ 90,000	\$ 252,000	

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> Only Public Road. Acquire Easement over the Public Road.

<sup>2</sup> Only Public Road. Acquire Easement over the Public Road.

<sup>3</sup> CIP 2025

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Sturgis Municipal								
<b>Airport ID</b>	49B								
<b>Airport Role</b>	Medium GA						Funding Levels		
<b>City</b>	Sturgis						90.0%	3.5%	6.5%
<b>Short to Mid Term CIP</b>			<b>Costs</b>			<b>Funding</b>			
<b>Year</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
2020	T-Hangar*/Twys	6-Unit T Hangar with Taxilane and Access Road			\$1,300,000	\$1,170,000	\$ -	\$ 130,000	
2021	T hangar*	Multi-year 2020 T hangar			\$ 150,000	\$ 135,000	\$ -	\$ 15,000	
2022	SRE	Acquire SRE			\$ 500,000	\$ 450,000	\$ 18,000	\$ 33,000	
2024	GA Terminal	Design & construct GA terminal			\$ 450,000	\$ 405,000	\$ 16,000	\$ 29,000	
2025	Hangar Taxilane	B-II hangar taxilane expansion			\$ 600,000	\$ 540,000	\$ 21,000	\$ 39,000	
2026	Hangar Taxilane	Reconstruction			\$ 750,000	\$ 675,000	\$ 26,000	\$ 49,000	
2027	T hangar*	T hangar & taxilane expansion			\$ 850,000	\$ 765,000	\$ -	\$ 85,000	
2028	Parallel Taxiway	Extend parallel taxiway			\$1,250,000	\$1,125,000	\$ 44,000	\$ 81,000	
2029	Parallel Taxiway	Widen parallel taxiway			\$ 750,000	\$ 675,000	\$ 26,000	\$ 49,000	
2030	AWOS	AWOS III or AWOS AV			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$6,900,000	\$6,210,000	\$ 161,000	\$ 529,000	
<b>Long-Term CIP</b>			<b>Costs</b>			<b>Funding</b>			
<b>Year</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>2020 SDSASP Recommendations</b>									
<b>Performance Measure</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Costs</b>			<b>Funding</b>			
			<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
Certified WX <sup>1</sup>	Install AWOS	AWOS III	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Facility Service Target</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Costs</b>			<b>Funding</b>			
			<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
ARC Level <sup>2</sup>	Rwy 11-29 RDC Increase	Increase RDC from A-I (S)-5000 to B-II (S)-5000. Widen Runway 15' (+ 8,500 SY), replace MIRL, regrade RSA (20,400 SY).	\$1,258,000	\$ 189,000	\$1,447,000	\$1,302,000	\$ 51,000	\$ 94,000	
Primary Rwy Width <sup>3</sup>	Widen Rwy 13-31	Widen current runway from 60' to 75' (8,500 SY)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Twy Lighting <sup>4</sup>	Twy Lighting	Replace reflectors with MITL	\$ 126,000	\$ 25,000	\$ 151,000	\$ 136,000	\$ 5,000	\$ 10,000	
REIL	Both Rwy ends	Install REIL on Runway ends 11-29	\$ 40,000	\$ 6,000	\$ 46,000	\$ 41,000	\$ 2,000	\$ 3,000	
		<b>Sub-Total</b>	\$1,424,000	\$ 220,000	\$1,644,000	\$1,480,000	\$ 58,000	\$ 107,000	
		<b>Total</b>	\$1,424,000	\$ 220,000	\$8,544,000	\$7,690,000	\$ 219,000	\$ 636,000	

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> CIP 2030

<sup>2</sup> All land currently owned and no acquisition for expanded RPZ, RSA or OFA

<sup>3</sup> See Higher ARC

<sup>4</sup> 1,800 LF of Twy/Txln



**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Marv Skie-Lincoln County						Funding Levels		
<b>Airport ID</b>	Y14						90.0%	3.5%	6.5%
<b>Airport Role</b>	Large GA								
<b>City</b>	Tea								
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2020	EA for Land	Land & review appraisals			\$ 90,000	\$ 81,000.0	\$ 3,000.0	\$ 6,000.0	
2020	Land Acquisition	Land acquisition with ALP/Exhibit A Update			\$ 1,105,000	\$ 995,000	\$ 39,000	\$ 72,000	
2021	Apron	Reconstruction			\$ 625,000	\$ 563,000	\$ 22,000	\$ 41,000	
2021	Fuel System*	Upgrade			\$ 125,000	\$ 113,000	\$ -	\$ 13,000	
2022	Taxiway/Hangar Area	Grading and construction			\$ 500,000	\$ 450,000	\$ 18,000	\$ 33,000	
2023	Fencing	Update			\$ 125,000	\$ 113,000	\$ 4,000	\$ 8,000	
2024	Hangar*	Hangar construction			\$ 500,000	\$ 450,000	\$ -	\$ 50,000	
2028	SRE	SRE equipment			\$ 225,000	\$ 203,000	\$ 8,000	\$ 15,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$ 3,295,000	\$ 2,966,000	\$ 93,000	\$ 236,000	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Control RPZ (Primary Rwy) <sup>1</sup>	Runway 16 RPZ	Acquire 0.7 acres for RPZ Protection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Control RPZ (Primary Rwy) <sup>2</sup>	Runway 34 RPZ	Acquire 3.9 acres as easement for RPZ protection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
ARC Level <sup>3</sup>	Rwy 16-34 RDC Increase	Runway 16-34 Increase RDC from B-I-Vis to C-II-4000. Airport Relocation is used for cost estimates, not including Storage Hangars. 5000' x 100' Primary (55,500 SY); 3,300' x 60' Crosswind (22,000 SY); MIRL; Fuel Systems; AWOS; 3000 SF Terminal; 4-8000 SF Hangars; 30 Hangar Units, Land (360 acres)	\$ 25,096,000	\$ 3,012,000	\$ 28,108,000	\$ 25,297,000	\$ 984,000	\$ 1,827,000	
Primary Rwy Length <sup>4</sup>	Lengthen Rwy 16-34	Lengthen runway from 3650' to 5000' (+15,000 SY)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Primary Rwy Width <sup>5</sup>	Widen Runway 16-34	Widen current runway from 60' to 100' (+16,200 SY)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Crosswind Rwy <sup>6</sup>	Crosswind Rwy	2,400'x60' (16,000 SY)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Hangars - Based <sup>7</sup>	Hangar Storage*	Construct 30 covered storage units	\$ 3,264,000	\$ 600,000	\$ 3,864,000	\$ 3,478,000	\$ -	\$ 386,000	
		<b>Sub-Total</b>	\$ 28,360,000	\$ 3,612,000	\$ 31,972,000	\$ 28,774,000	\$ 984,000	\$ 2,213,000	
		<b>Total</b>	\$ 28,360,000	\$ 3,612,000	\$ 35,267,000	\$ 31,740,000	\$ 1,077,000	\$ 2,449,000	

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications. \* Revenue Producing Facilities are not currently eligible for State funding. <sup>1</sup>Only Road. Recommend acquisition of Easement over Public Road, <sup>2</sup>(Unoccupied Utility Building and Interstate) Not recommended for acquisition.

<sup>3</sup>To meet C-II-4000 standards for OFA and with no RPZ over residences, the Runway would shorten to 1900' from 3650'.

Also requires relocation of 28 Buildings/Hangars plus 30 Hangar Units. 5000' is required for standards. Airport Relocation is used for cost estimate.

<sup>4</sup>See ARC, <sup>5</sup>See ARC, <sup>6</sup>Unable to construct 9-27 or 3-20 (Roads/Development), <sup>7</sup>See ARC

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Harold Davidson Field								
<b>Airport ID</b>	VMR								
<b>Airport Role</b>	Medium GA						Funding Levels		
<b>City</b>	Vermillion						90.0%	3.5%	6.5%
<b>Short to Mid Term CIP</b>			<b>Costs</b>			<b>Funding</b>			
<b>Year</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
2020	Hangar Taxilane	Reconstruction			\$ 985,000	\$ 887,000	\$ 34,000	\$ 64,000	
2021	Pvmt Maintenance	Pavement Maintenance			\$ 30,000	\$ 27,000	\$ 1,000	\$ 2,000	
2022	Hangar*	Design revenue producing hangar			\$ 60,000	\$ 54,000	\$ -	\$ 6,000	
2023	Hangar*	Construct revenue producing hangar			\$ 158,000	\$ 142,000	\$ -	\$ 16,000	
2024	Parallel Taxiway	Design & construct parallel taxiway reconstruction			\$ 500,000	\$ 450,000	\$ 18,000	\$ 33,000	
2026	Land Acquisition	Approximately 60 acres			\$ 80,000	\$ 72,000	\$ 3,000	\$ 5,000	
2027	Crosswind Runway	Design & construct turf crosswind runway, 3,300'x120'			\$ 340,000	\$ 306,000	\$ 12,000	\$ 22,000	
2028	EA	Justification for runway extension (verify in ALP)			\$ 80,000	\$ 72,000	\$ 3,000	\$ 5,000	
2029	Land Acquisition	for runway extension (verify in ALP)			\$ 250,000	\$ 225,000	\$ 9,000	\$ 16,000	
2030	Runway 11-29	Extension 75'X800'			\$1,500,000	\$1,350,000	\$ 53,000	\$ 98,000	
		<b>Sub-Total</b>	\$ -	\$ -	<b>\$3,983,000</b>	<b>\$3,585,000</b>	<b>\$ 132,000</b>	<b>\$ 267,000</b>	
<b>Long-Term CIP</b>			<b>Costs</b>			<b>Funding</b>			
<b>Year</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>2020 SDSASP Recommendations</b>									
<b>Performance Measure</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Costs</b>			<b>Funding</b>			
			<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
Clear Part 77 (Primary Rwy) <sup>1</sup>	Rwy 30 Trees	5010: 70 ft. trees, 1900 ft. from runway, 24:1 slope to clear	\$ 6,000	\$ 1,000	\$ 7,000	\$ 6,000	\$ -	\$ -	
Control RPZ (Primary Rwy) <sup>2</sup>	Rwy 30 RPZ	Acquire 1 acre as easement for RPZ protection	\$ 4,000	\$ 100,000	\$ 104,000	\$ 94,000	\$ 4,000	\$ 7,000	
		<b>Sub-Total</b>	<b>\$ 10,000</b>	<b>\$ 102,000</b>	<b>\$ 112,000</b>	<b>\$ 100,000</b>	<b>\$ 4,000</b>	<b>\$ 7,000</b>	
<b>Facility Service Target</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Costs</b>			<b>Funding</b>			
			<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
Primary Rwy Length	Lengthen Rwy 12-30	Increase length from 4,104' to 4,200' (850 SY)	\$ 149,000	\$ 18,000	\$ 166,000	\$ 150,000	\$ 6,000	\$ 11,000	
Twy Lighting <sup>3</sup>	Twy Lighting	Replace LITL/reflectors with MITL	\$ 360,000	\$ 72,000	\$ 432,000	\$ 389,000	\$ 15,000	\$ 28,000	
REIL	Both Rwy ends	Install REIL on Runway ends 12-30	\$ 40,000	\$ 6,000	\$ 46,000	\$ 41,000	\$ 2,000	\$ 3,000	
Crosswind Rwy <sup>4</sup>	Crosswind Rwy	2,800'x100' Turf (4-22), grading, cones, Land for RPZ and Runway (19.6 acres)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Hangars - Based	Hangar Storage*	Construct 9 covered storage units	\$ 979,000	\$ 180,000	\$1,159,000	\$1,043,000	\$ -	\$ 116,000	
Hangar-Business <sup>5</sup>	Hangar Storage*	Construct storage hangar for a King Air 250	\$ 624,000	\$ 90,000	\$ 714,000	\$ 643,000	\$ -	\$ 71,000	
Apron Space	Apron Expansion	Expand apron (5,700 SY)	\$ 399,000	\$ 48,000	\$ 447,000	\$ 402,000	\$ 16,000	\$ 29,000	
		<b>Sub-Total</b>	<b>\$2,551,000</b>	<b>\$ 414,000</b>	<b>\$2,964,000</b>	<b>\$2,668,000</b>	<b>\$ 38,000</b>	<b>\$ 258,000</b>	
		<b>Total</b>	<b>\$2,561,000</b>	<b>\$ 515,000</b>	<b>\$7,059,000</b>	<b>\$6,353,000</b>	<b>\$ 174,000</b>	<b>\$ 532,000</b>	

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\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup>NPI - 34:1 (3 trees trim/remove), <sup>2</sup>Acquire by Easement (also acquire Easement over the Public Road), <sup>3</sup>5000 LF of Twy, <sup>4</sup>CIP 2027, <sup>5</sup>60' x 80' Hangar

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport	Wagner Municipal						Funding Levels		
Airport ID	AGZ						90.0%	3.5%	6.5%
Airport Role	Medium GA								
City	Wagner								
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2022	Hangar Taxilane	Expansion			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000	
2023	ALP	Update w/ cultural survey			\$ 250,000	\$ 225,000	\$ 9,000	\$ 16,000	
2024	EA Parallel Twy	EA for Parallel Twy			\$ 80,000	\$ 72,000	\$ 3,000	\$ 5,000	
2026	Parallel Taxiway	Design & construct parallel taxiway phase I-III			\$ 1,300,000	\$ 1,170,000	\$ 46,000	\$ 85,000	
2027	Hangar *	Design & construct revenue producing hangar			\$ 400,000	\$ 360,000	\$ -	\$ 40,000	
2028	AWOS	AWOS III or AWOS AV			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000	
2029	EA	for runway extension			\$ 90,000	\$ 81,000	\$ 3,000	\$ 6,000	
2030	Runway 9-27	Design & construct extension, 700 Ft			\$ 800,000	\$ 720,000	\$ 28,000	\$ 52,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$ 3,520,000	\$ 3,168,000	\$ 109,000	\$ 243,000	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Clear Part 77 (Primary Rwy) <sup>1</sup>	Rwy 27 Road	5010: 15 ft. road, 620 ft. from runway, 28:1 slope to clear.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
ARC Level	Rwy 09-27 RDC Increase	Increase RDC from B-I (S)-5000 to B-II (S)-5000. Widen Runway 15' (+ 5,800 SY), replace MIRL, expand RSA (15,200 SY), relocate 3 Hangars	\$ 1,263,000	\$ 152,000	\$ 1,415,000	\$ 1,274,000	\$ 50,000	\$ 92,000	
Primary Rwy Length <sup>2</sup>	Lengthen Rwy 09-27	Increase length from 3,500' to 4,050' (4,600 SY), MIRL, RPZ Easement (5.2 acres), RPZ Analysis	\$ 743,000	\$ 251,000	\$ 995,000	\$ 895,000	\$ 35,000	\$ 65,000	
Primary Rwy Width <sup>3</sup>	Widen Rwy 09-27	Widen current runway from 60' to 75' (5,800 SY)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Twy Lighting <sup>4</sup>	Twy Lighting	Install MITL	\$ 56,000	\$ 11,000	\$ 67,000	\$ 60,000	\$ 2,000	\$ 4,000	
REIL	Both Rwy ends	Install REIL on Runway ends 09-27	\$ 40,000	\$ 6,000	\$ 46,000	\$ 41,000	\$ 2,000	\$ 3,000	
Hangars - Based <sup>5</sup>	Hangar Storage*	Construct 2 of 8 covered storage units	\$ 272,000	\$ 40,000	\$ 312,000	\$ 281,000	\$ -	\$ 31,000	
Hangar-Business <sup>6</sup>	Hangar Storage*	Construct a storage hangar for a King Air 250	\$ 624,000	\$ 90,000	\$ 714,000	\$ 643,000	\$ -	\$ 71,000	
		<b>Sub-Total</b>	\$ 2,999,000	\$ 550,000	\$ 3,549,000	\$ 3,194,000	\$ 88,000	\$ 267,000	
		<b>Total</b>	\$ 2,999,000	\$ 550,000	\$ 7,069,000	\$ 6,362,000	\$ 198,000	\$ 509,000	

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> NPI - 34:1 (Threshold Siting Surface 20:1 is met; road realignment {4000 LF} would affect Cemetery, Residence and Feedlot; Rwy length is already minimal) recommend accept that obstruction will remain with no mitigation

<sup>2</sup> based on 75' width; 4,050' x 75' (maximum extension to 9 End without the 20:1 surface penetrating road); RPZ analysis and easement acquisition required

<sup>3</sup> See Higher ARC, <sup>4</sup> 800 LF of Twy, <sup>5</sup> 3 Units Constructed 2019 & 3 Units in CIP 2027, <sup>6</sup> (60' x 80' hangar)

**CIP and SDSASP Project Recommendations and Cost Estimates**

Airport	Wall Municipal							Funding Levels		
Airport ID	6V4							90.0%	3.5%	6.5%
Airport Role	Small GA									
City	Wall									
Short to Mid Term CIP			Costs			Funding				
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local		
2020	Runway 12	Land Acquisition/Design Extension; MIRL			\$ 389,000	\$ 350,000	\$ 14,000	\$ 25,000		
2021	Runway 12	Extension & overlay			\$ 4,444,000	\$ 4,000,000	\$ 156,000	\$ 289,000		
2023	Fence	Design & construct perimeter wildlife fence			\$ 556,000	\$ 500,000	\$ 19,000	\$ 36,000		
2024	Apron/Taxiway	Design & construct Apron and Taxiway Expansion			\$ 556,000	\$ 500,000	\$ 19,000	\$ 36,000		
2025	Crosswind Runway	EA and Land Acquisition for Crosswind Runway			\$ 278,000	\$ 250,000	\$ 10,000	\$ 18,000		
2026	Crosswind Runway	Design & construct			\$ 556,000	\$ 500,000	\$ 19,000	\$ 36,000		
2027	SRE	Acquire SRE			\$ 83,000	\$ 75,000	\$ 3,000	\$ 5,000		
2028	Fuel System*	Design & construct fueling station			\$ 167,000	\$ 150,000	\$ -	\$ 17,000		
2029	Hangar*	Construction			\$ 556,000	\$ 500,000	\$ -	\$ 56,000		
2030	GA Hangar Area	Expansion			\$ 556,000	\$ 500,000	\$ 19,000	\$ 36,000		
		<b>Sub-Total</b>	\$ -	\$ -	\$ 8,139,000	\$ 7,325,000	\$ 260,000	\$ 554,000		
Long-Term CIP			Costs			Funding				
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local		
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
2020 SDSASP Recommendations										
Performance Measure	Project	Description/Scope	Costs			Funding				
			Const/Acq	Eng/Admin	Total	Fed	State	Local		
Control RPZ (Non-Primary Rwy)	Rwy 18 RPZ	Acquire Fee interest in 8 acres for RPZ	\$ 32,000	\$ -	\$ 32,000	\$ 29,000	\$ 1,000	\$ 2,000		
Control RPZ (Non-Primary Rwy) <sup>1</sup>	Rwy 36 RPZ	Acquire easement in 6.1 acres for RPZ	\$ 24,000	\$ 106,000	\$ 130,000	\$ 117,000	\$ 5,000	\$ 8,000		
Critical Aircraft <sup>2</sup>	Rwy 12-30 Increase RDC	Runway 12-30 Increase RDC from B-I to B-II. Increase Pavement width 15' (+ 5,800 SY), relocate edge lights, reconfigure taxiway pavement and holdlines, expand RPZ, expand RSA/OFA.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
		<b>Sub-Total</b>	\$ 56,000	\$ 106,000	\$ 162,000	\$ 146,000	\$ 6,000	\$ 11,000		
Facility Service Target	Project	Description/Scope	Costs			Funding				
			Const/Acq	Eng/Admin	Total	Fed	State	Local		
Hangars - Based	Hangar Storage*	Construct 7 covered storage units	\$ 857,000	\$ 140,000	\$ 997,000	\$ 897,000	\$ -	\$ 100,000		
Pilot Area <sup>3</sup>	Construct Pilot Area	Add 150 SqFt for pilot briefing/rest	\$ 30,000	\$ 6,000	\$ 36,000	\$ 32,000	\$ 1,000	\$ 2,000		
		<b>Sub-Total</b>	\$ 887,000	\$ 146,000	\$ 1,033,000	\$ 930,000	\$ 1,000	\$ 102,000		
		<b>Total</b>	\$ 943,000	\$ 252,000	\$ 9,334,000	\$ 8,400,000	\$ 267,000	\$ 667,000		

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> Acquire in Easement (also acquire Easement over two Public Roads)

<sup>2</sup> CIP 2021

<sup>3</sup> 10x5 for briefing 10x10 for pilot rest

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Watertown Regional							
<b>Airport ID</b>	ATY							
<b>Airport Role</b>	Commercial Service		Funding Levels					
<b>City</b>	Watertown		90.0%		3.5%		6.5%	
Short to Mid Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
2020	New terminal	construct new terminal/site work			\$ 13,752,000	\$ 12,376,000	\$ 481,000	\$ 894,000
2021	New terminal	construct new terminal building phase 1			\$ 4,950,000	\$ 4,455,000	\$ 173,000	\$ 322,000
2022	New terminal	construct new terminal building			\$ 8,350,000	\$ 7,515,000	\$ 292,000	\$ 543,000
2024	Taxiway B & C	design and reconstruct B and parallel C			\$ 4,000,000	\$ 3,600,000	\$ 140,000	\$ 260,000
2026	Equipment	truck with plow & high speed broom			\$ 350,000	\$ 315,000	\$ 12,000	\$ 23,000
2027	SRE	Replace 1999 snow blower/broom truck			\$ 850,000	\$ 765,000	\$ 30,000	\$ 55,000
2028	SRE Building	New building			\$ 2,000,000	\$ 1,800,000	\$ 70,000	\$ 130,000
2029	Parking & road	reconstruct public parking & access road			\$ 350,000	\$ 315,000	\$ 12,000	\$ 23,000
		<b>Sub-Total</b>	\$ -	\$ -	\$ 34,602,000	\$ 31,141,000	\$ 1,211,000	\$ 2,249,000
Long-Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
None								
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020 SDSASP Recommendations								
Performance Measure	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Clear Part 77 (Non-Primary Rwy) <sup>1</sup>	Runway 12 Tree	5010: 71 ft. tree, 2149 ft. from runway, 5 ft. left of centerline, 27:1 slope to clear	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Clear Part 77 (Primary Rwy) <sup>2</sup>	Runway 35 Building	5010: 83 ft. building, 3775 ft. from runway, 412 ft. left of centerline, 43:1 slope to clear	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Facility Service Target	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Parallel Twy Type	Rwy 17-35 Twy	Construct 2,780'x50' to Complete Parallel Twy (15,500 SY)	\$ 3,295,000	\$ 395,000	\$ 3,690,000	\$ 3,321,000	\$ 129,000	\$ 240,000
		<b>Sub-Total</b>	\$ 3,295,000	\$ 395,000	\$ 3,690,000	\$ 3,321,000	\$ 129,000	\$ 240,000
		<b>Total</b>	\$ 3,295,000	\$ 395,000	\$ 38,291,000	\$ 34,462,000	\$ 1,340,000	\$ 2,489,000

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> NPI - 34:1 (Trees were trimmed)

<sup>2</sup> PI - 50:1 (2 Grain Bins) recommend lighting for mitigation

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	The Sigurd Anderson						Funding Levels		
<b>Airport ID</b>	1D7						90.0%	3.5%	6.5%
<b>Airport Role</b>	Small GA								
<b>City</b>	Webster								
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2020	T Hangar*	Construct revenue producing 6-unit t hangar			\$ 907,000	\$ 816,000	\$ -	\$ 91,000	
2021	T Hangar*	Multi-year			\$ 150,000	\$ 135,000	\$ -	\$ 15,000	
2022	T Hangar*	Multi-year			\$ 150,000	\$ 135,000	\$ -	\$ 15,000	
2023	Turnaround	Design & construct			\$ 445,000	\$ 401,000	\$ 16,000	\$ 29,000	
2024	Surveys	Approach survey & architectural survey of old t hangars			\$ 150,000	\$ 135,000	\$ 5,000	\$ 10,000	
2025	Access Road/Parking	Pave			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000	
2026	Hazard	Wildlife hazard site visit & hazard management plan			\$ 20,000	\$ 18,000	\$ 1,000	\$ 1,000	
2027	Fence	Design & construct wildlife fence			\$ 600,000	\$ 540,000	\$ 21,000	\$ 39,000	
2028	Hangar Taxilane	Reconstruction			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000	
2029	SRE	Purchase			\$ 175,000	\$ 158,000	\$ 6,000	\$ 11,000	
2030	Parallel Taxiway	Small GA (system plan does not require parallel runway)			\$ 2,000,000	\$ 1,800,000	\$ 70,000	\$ 130,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$ 5,197,000	\$ 4,677,000	\$ 140,000	\$ 380,000	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Control RPZ (Primary Rwy) <sup>1</sup>	Rwy 12 RPZ	Acquire easement in 1.2 acres for RPZ	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Control RPZ (Non-Primary Rwy)	Rwy 19 RPZ	Acquire easement in 7.4 acres for RPZ	\$ 30,000	\$ -	\$ 30,000	\$ 27,000	\$ 1,000	\$ 2,000	
Control RPZ (Non-Primary Rwy)	Rwy 1 RPZ	Acquire easement in 8 acres for RPZ	\$ 32,000	\$ 103,000	\$ 135,000	\$ 122,000	\$ 5,000	\$ 9,000	
		<b>Sub-Total</b>	\$ 62,000	\$ 103,000	\$ 165,000	\$ 148,000	\$ 6,000	\$ 11,000	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Pilot Area <sup>2</sup>	Construct Pilot Area	Add 150 SF for pilot briefing/rest	\$ 30,000	\$ 6,000	\$ 36,000	\$ 32,000	\$ 1,000	\$ 2,000	
		<b>Sub-Total</b>	\$ 30,000	\$ 6,000	\$ 36,000	\$ 32,000	\$ 1,000	\$ 2,000	
		<b>Total</b>	\$ 92,000	\$ 109,000	\$ 5,398,000	\$ 4,858,000	\$ 147,000	\$ 393,000	

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup>Only Public Road. Acquire Easement over the Public Road.

<sup>2</sup>10x5 for briefing 10x10 for pilot rest

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Wessington Springs						Funding Levels		
<b>Airport ID</b>	4X4						90.0%	3.5%	6.5%
<b>Airport Role</b>	Small GA								
<b>City</b>	Wessington Springs								
Short to Mid Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
2021	Twy/Apron/Txln	Design - Twy, Apron & Taxliane Reconstruction			\$ 100,000	\$ 90,000	\$ 4,000	\$ 7,000	
2022	Twy/Apron/Txln	Construct - Twy, Apron & Taxliane Reconstruction			\$ 1,560,000	\$ 1,404,000	\$ 55,000	\$ 101,000	
2023	AMP & ALP	Maser plan & ALP w/ narrative report			\$ 200,000	\$ 180,000	\$ 7,000	\$ 13,000	
2024	Apron	Design expansion & new Ag access			\$ 75,000	\$ 68,000	\$ 3,000	\$ 5,000	
2025	Apron	Construct expansion & new Ag access			\$ 500,000	\$ 450,000	\$ 18,000	\$ 33,000	
2026	Crosswind Runway	Construct turf crosswind runway			\$ 1,000,000	\$ 900,000	\$ 35,000	\$ 65,000	
2027	T Hangar*	Construct revenue producing t hangars			\$ 350,000	\$ 315,000	\$ -	\$ 35,000	
2028	AWOS	AWOS III or AWOS AV			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000	
2029	Parallel Taxiway	Parallel taxiway			\$ 2,000,000	\$ 1,800,000	\$ 70,000	\$ 130,000	
2030	Runway 12-30	Extension & widening			\$ 2,500,000	\$ 2,250,000	\$ 88,000	\$ 163,000	
		<b>Sub-Total</b>	\$ -	\$ -	\$ 8,585,000	\$ 7,727,000	\$ 288,000	\$ 570,000	
Long-Term CIP			Costs			Funding			
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local	
None									
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2020 SDSASP Recommendations									
Performance Measure	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Clear Part 77 (Primary Rwy) <sup>1</sup>	Rwy 12 Powerline	5010: 25 ft. powerline, 832 ft. from runway, 390 ft. left of centerline, 25:1 slope to clear.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Facility Service Target	Project	Description/Scope	Costs			Funding			
			Const/Acq	Eng/Admin	Total	Fed	State	Local	
Pilot Area <sup>2</sup>	Construct Pilot Area	Add 150 SF for pilot briefing/rest	\$ 30,000	\$ 6,000	\$ 36,000	\$ 32,000	\$ 1,000	\$ 2,000	
		<b>Sub-Total</b>	\$ 30,000	\$ 6,000	\$ 36,000	\$ 32,000	\$ 1,000	\$ 2,000	
		<b>Total</b>	\$ 30,000	\$ 6,000	\$ 8,621,000	\$ 7,759,000	\$ 289,000	\$ 573,000	

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> NPI - 34:1 (1996 ALP shows powerline; 2015 Google Earth shows no powerline)

<sup>2</sup> 10x5 for briefing 10x10 for pilot rest

**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Winner Regional							
<b>Airport ID</b>	ICR							
<b>Airport Role</b>	Medium GA							
<b>City</b>	Winner							
						Funding Levels		
						90.0%	3.5%	6.5%
Short to Mid Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
2020	Lower Apron	Construct expansion phase II, 100x200'			\$ 650,000	\$ 585,000	\$ 22,750	\$ 42,250
2021	Pvmt Maintenance	Pavement maintenance			\$ 50,000	\$ 45,000	\$ 2,000	\$ 3,000
2023	Hangar*	Design for revenue producing hangar			\$ 50,000	\$ 45,000	\$ -	\$ 5,000
2024	Hangar*	Construct revenue producing hangar			\$ 500,000	\$ 450,000	\$ -	\$ 50,000
2025	Partial Parallel Twy	Design & construct partial parallel to apron, 1,760'			\$ 650,000	\$ 585,000	\$ 23,000	\$ 42,000
2026	Lower Apron	Design lower apron expansion area phase III, 100x200'			\$ 35,000	\$ 32,000	\$ 1,000	\$ 2,000
2027	Lower Apron	Construct lower apron expansion area phase III, 100x200'			\$ 600,000	\$ 540,000	\$ 21,000	\$ 39,000
2028	Hangar*	Design & construct revenue producing hangar for jet aircraft			\$ 750,000	\$ 675,000	\$ -	\$ 75,000
2029	Hangar Area*	Design & construct hangar expansion area			\$ 300,000	\$ 270,000	\$ -	\$ 30,000
2030	Parallel Taxiway	Design & construct parallel taxiway, two phases			\$2,100,000	\$1,890,000	\$ 74,000	\$ 137,000
<b>Sub-Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$5,685,000</b>	<b>\$5,117,000</b>	<b>\$ 143,000</b>	<b>\$ 426,000</b>
Long-Term CIP			Costs			Funding		
Year	Project	Description/Scope	Const/Acq	Eng/Admin	Total	Fed	State	Local
None								
<b>Sub-Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
2020 SDSASP Recommendations								
Performance Measure	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Control RPZ (Non-Primary Rwy)	Rwy 21 RPZ	Acquire 13.3 acres in fee for RPZ protection	\$ 53,000	\$ 105,000	\$ 159,000	\$ 143,000	\$ 6,000	\$ 10,000
<b>Sub-Total</b>			<b>\$ 53,000</b>	<b>\$ 105,000</b>	<b>\$ 159,000</b>	<b>\$ 143,000</b>	<b>\$ 6,000</b>	<b>\$ 10,000</b>
Facility Service Target	Project	Description/Scope	Costs			Funding		
			Const/Acq	Eng/Admin	Total	Fed	State	Local
Twy Lighting <sup>1</sup>	Twy Lighting	Replace taxiway reflectors with MITL	\$ 42,000	\$ 8,000	\$ 50,000	\$ 45,000	\$ 2,000	\$ 3,000
REIL	Both Rwy ends	Install REIL on Runway ends 13-31	\$ 40,000	\$ 6,000	\$ 46,000	\$ 41,000	\$ 2,000	\$ 3,000
Hangars - Based	Hangar Storage*	Construct 10 covered storage units	\$1,088,000	\$ 200,000	\$1,288,000	\$1,159,000	\$ -	\$ 129,000
<b>Sub-Total</b>			<b>\$1,170,000</b>	<b>\$ 214,000</b>	<b>\$1,384,000</b>	<b>\$1,246,000</b>	<b>\$ 3,000</b>	<b>\$ 135,000</b>
<b>Total</b>			<b>\$1,223,000</b>	<b>\$ 320,000</b>	<b>\$7,228,000</b>	<b>\$6,505,000</b>	<b>\$ 152,000</b>	<b>\$ 571,000</b>

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup>1000 LF of Twy



**CIP and SDSASP Project Recommendations and Cost Estimates**

<b>Airport</b>	Chan Gurney Municipal								
<b>Airport ID</b>	YKN								
<b>Airport Role</b>	Large GA						Funding Levels		
<b>City</b>	Yankton						90.0%	3.5%	6.5%
<b>Short to Mid Term CIP</b>			<b>Costs</b>			<b>Funding</b>			
<b>Year</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
2020	Runway 1-19	Design/construct 19 turnaround (alternate for 1-19 reconstruction 2019 supplemental project)			\$ 100,000	\$ 90,000	\$ 4,000	\$ 7,000	
2021	Taxilanes/Access Road	Design north taxilanes, access road, parking, Cultural Inventory/Wetland Delineation			\$ 150,000	\$ 135,000	\$ 5,000	\$ 10,000	
2022	North Taxilanes	Construct			\$ 700,000	\$ 630,000	\$ 25,000	\$ 46,000	
2023	Access Road/Parking	Reconstruct north access road & parking			\$ 525,000	\$ 473,000	\$ 18,000	\$ 34,000	
2024	PCC Apron	Design reconstruction of PCC apron in from of GA terminal			\$ 80,000	\$ 72,000	\$ 3,000	\$ 5,000	
2025	PCC Apron	Reconstruct PCC apron in from of GA terminal			\$ 1,250,000	\$ 1,125,000	\$ 44,000	\$ 81,000	
2030	North Hangar Taxilane	Design north hangar taxilane 3,900 SqYd			\$ 100,000	\$ 90,000	\$ 4,000	\$ 7,000	
<b>Sub-Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,905,000</b>	<b>\$ 2,615,000</b>	<b>\$ 102,000</b>	<b>\$ 189,000</b>	
<b>Long-Term CIP</b>			<b>Costs</b>			<b>Funding</b>			
<b>Year</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
2031	North Apron	Construct north apron			\$ 300,000	\$ 270,000	\$ 11,000	\$ 20,000	
2032	EA	EA for north side fuel farm			\$ 40,000	\$ 36,000	\$ 1,000	\$ 3,000	
2033	North Fuel Farm*	Design & construct north fuel farm			\$ 400,000	\$ 360,000	\$ -	\$ 40,000	
2034	Parallel Taxiway A	Design/reconstruct parallel taxiway A			\$ 125,000	\$ 113,000	\$ 4,000	\$ 8,000	
2035	Parallel Taxiway A	Reconstruct parallel taxiway A north of 1-19 w/ PCC, 18,840 SqYd			\$ 2,050,000	\$ 1,845,000	\$ 72,000	\$ 133,000	
2036	Parallel Taxiway A	Construct parallel taxiway A south of r1-19 w/ PCC pavement			\$ 730,000	\$ 657,000	\$ 26,000	\$ 47,000	
2037	T-hangar	Construct 6-unit T-hangar extension & approaches			\$ 1,000,000	\$ 900,000	\$ 35,000	\$ 65,000	
<b>Sub-Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,645,000</b>	<b>\$ 4,181,000</b>	<b>\$ 149,000</b>	<b>\$ 316,000</b>	
<b>2020 SDSASP Recommendations</b>									
<b>Performance Measure</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Costs</b>			<b>Funding</b>			
			<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
PCI 70+ (Non-Primary Rwy) <sup>1</sup>	Rwy 1-19 Rehab	Runway 1-19 rehabilitation (28,500 SY)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Sub-Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	
<b>Facility Service Target</b>	<b>Project</b>	<b>Description/Scope</b>	<b>Costs</b>			<b>Funding</b>			
			<b>Const/Acq</b>	<b>Eng/Admin</b>	<b>Total</b>	<b>Fed</b>	<b>State</b>	<b>Local</b>	
ARC Level <sup>2</sup>	Rwy 13-31 RDC Increase	Increase RDC from B-II-2400 to C-II-2400. Increase RSA [4000' of culvert and grading]	\$ 440,000	\$ 66,000	\$ 506,000	\$ 455,000	\$ 18,000	\$ 33,000	
Hangars - Based <sup>3</sup>	Hangar Storage*	Construct 24 covered storage units	\$ 1,958,000	\$ 360,000	\$ 2,318,000	\$ 2,087,000	\$ -	\$ 232,000	
<b>Sub-Total</b>			<b>\$ 2,398,000</b>	<b>\$ 426,000</b>	<b>\$ 2,824,000</b>	<b>\$ 2,542,000</b>	<b>\$ 18,000</b>	<b>\$ 265,000</b>	
<b>Total</b>			<b>\$ 2,398,000</b>	<b>\$ 426,000</b>	<b>\$ 10,374,000</b>	<b>\$ 9,337,000</b>	<b>\$ 268,000</b>	<b>\$ 769,000</b>	

The cost estimates provided are planning level estimates and are not to be used for individual project programming or grant applications.

\* Revenue Producing Facilities are not currently eligible for State funding

<sup>1</sup> CIP 2020 (increase PCI from 47 to >70), <sup>2</sup> All criteria met except RSA, <sup>3</sup> Construct 18 needed (6 of 24 in CIP 2037)